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Skill Highlights

Methodologies: Agile Project Management, Scrum, Kanban, Extreme Programming, Pair Programming	**Architecture:** Traditional Server, Serverless architecture	**Content Management:** WordPress, Joomla, Shopify, Drupal
Backend Development: PHP, Python, Node.Js **Frameworks:** MVC, Laravel, Symfony, CodeIgniter, Django, Flask, FastAPI, Express.js	**Front-end Development:** HTML5, CSS3, JavaScript, jQuery **Frameworks:** Bootstrap, Meteor, Next.js, Angular, Reactjs, Vue.js	**Databases:** MySQL, PostgreSQL, MongoDB, Oracle Database, Microsoft SQL Server, Redis, SQLite, MariaDB, NoSQL
Testing: Test Driven Development (TDD), Behavior Driven Development (BDD), Data Driven Testing (DDT), Unit Testing	**Server Management:** AWS Cloud, Google Cloud (GCP), IBM Cloud, Microsoft Azure, New Relic	**Version Control System:** SVN, Git, Bitbucket, GitLab, Distributed computing

Summary

Experience & Knowledge	Years of Experience
Project Management, Product Management, Program Management, Leadership and working with senior executives (C-level, VP, Directors) along cross-functional teams (3 – 25+)	8 Years
Project requirement gathering, Requirement analysis, Conflict resolution and change management	8 Years
Software development lifecycle (SDLC), IT / System Management, Data management, Data Transfer, Security and Optimization of applications	10 Years
Business automation and development of CRM, ERM, EPRM, healthcare sector, clinical flow, patient identity and consent management, customer management system	10 Years
Documenting, Communicating, Tracking, Testing, QA & resolving issues along meeting deadlines	13 Years

Courses and Certifications: ALE Seven Nodes Server Configuration and Deployment, Project Management Professional (PMP), Online degree in Blockchain, Certified Blockchain Developer, Certified Blockchain Architect, ZTE Development and System Configuration, CCNA, Red Hat Certified Engineer

Experience

Tech Lead Software Developer - 05/2022 to 08/2023
Ulula Canada Inc., **Toronto, Canada**

- Conceptualized, developed, and launched a SaaS product using Laravel, Vue.js, and MySQL, hosted on AWS and backup server of Microsoft Azure.
- Spearheaded the end-to-end development and deployment of a SaaS product using Laravel, Vue.js, and MySQL, hosted on AWS and implemented CI/CD pipeline along identification of bottlencks through New Relic.
- Orchestrated a proficient development team, adhering to agile practices, coding standards, and security protocols.
- Achieved exceptional user growth, surpassing a million users, by implementing targeted digital marketing strategies, SEO optimization, and referral programs.
- Seamlessly integrated essential third-party services, including Twilio and Nexmo for communication, Stripe for payment processing, and Google APIs for enhanced functionality.
- Oversaw the scaling of infrastructure to accommodate the exponential user base while maintaining high availability and performance.
- Iteratively improved the product based on user feedback, ensuring a high level of satisfaction and user retention.
- Led a skilled development team through agile development cycles, maintaining coding standards and security.
- Ensured high availability and performance by deploying on AWS's scalable infrastructure.
- Strategically acquired users through digital marketing, SEO optimization, and referral programs.
- Successfully scaled infrastructure to accommodate a user base exceeding a million users.
- Continuously improved the product based on user feedback, enhancing satisfaction and retention.

Portal Development Engineer - 08/2019 to 04/2022
[Aptilo (ENEA Software AB)](#), **Riyadh, Saudi Arabia**
- Joined a complex enterprise government project midway to lead the development, testing, and deployment phases, covering all physical locations across Saudi Arabia.
- Collaborated closely with cross-functional teams, including IT systems, Marketing, Security Services, and Finance departments, to ensure seamless integrations and alignment with organizational objectives.
- Leveraged a robust tech stack encompassing PHP, Python, Node.js, React, Angular, HTML5, CSS3, JavaScript, Laravel, Redis, Bower, Webpack, Gulp, lodash, MySQL, MongoDB, Oracle Database, Google Cloud Server, and IBM Cloud server to create a comprehensive solution and identification of bottlencks through New Relic.
- Implemented rigorous testing methodologies, including unit tests, test-driven development (TDD), and business-driven development (BDD), ensuring high code quality and reliability.
- Orchestrated the integration of the Laravel application with Django and Express.js applications to facilitate comprehensive reporting and data analysis, enhancing decision-making capabilities.
- Executed deployment strategies that covered the entire geographic expanse of Saudi Arabia, ensuring a consistent and reliable user experience across all locations.
- Played a pivotal role in optimizing application performance and security, guaranteeing the confidentiality and integrity of sensitive data.
- Demonstrated strong project management skills by successfully navigating complex scenarios and delivering solutions on time and within budget.
- Fostered collaboration among cross-functional teams, streamlining communication and ensuring that all stakeholders were aligned with project goals.
- Contributed to the project's overall success by enabling efficient data flow and reporting across the organization, enhancing decision-making processes, and supporting the growth of the enterprise's footprint in Saudi Arabia.

Principal Software Engineer - 09/2017 to 08/2019
[DatumSquareIT Services](#), **Lahore, Pakistan**
- Stepped into a critical government project in a European country during a challenging phase, quickly taking charge of development, testing, and deployment processes.
- Successfully executed the integration of the national police database with employment and government sectors for comprehensive background checks on applicants, enhancing security and reliability in the recruitment process.
- Collaborated extensively with government IT systems, Security Services, and the Finance Department to ensure seamless integrations, data flow, and alignment with regulatory requirements.
- Utilized a versatile tech stack comprising PHP, Python, Angular, HTML5, CSS3, SAAS, LESS, JavaScript, Laravel, Redis, Gulp, MySQL, Oracle Database, and AWS cloud server to build a robust and secure solution.
- Implemented rigorous testing practices, including unit tests and test-driven development (TDD), to ensure the accuracy and reliability of the application, meeting stringent government standards.
- Orchestrated the integration of the Laravel application with Flask for advanced reporting capabilities, providing vital insights to government agencies.
- Led the project to a successful deployment, facilitating nationwide background checks and streamlining applicant verification processes for government and employment sectors.
- Demonstrated adaptability and quick learning by rapidly grasping the project's intricacies and navigating complex scenarios with confidence.
- Played a pivotal role in enhancing national security and regulatory compliance through the implementation of robust background check procedures.
- Fostered collaboration among cross-functional teams and government departments, ensuring that all stakeholders were aligned with the project's mission and objectives.
- Contributed significantly to the project's success by providing a secure, scalable, and efficient solution for background verification, enhancing the country's security and reliability in the recruitment process.
- Planning various product advertising campaigns and monitoring the budgets closely to provide weekly reports to the project stakeholders.

Senior Software Engineer (Remote) - 07/2015 to 02/2016
[Neumarkets Digital Marketing Agency](#), **Toronto, Canada**
- Joined a dynamic digital marketing agency, specializing in transforming intricate mockups into stunning designs and subsequently developing projects on versatile platforms, including WordPress, Joomla, Drupal and Shopify.
- Played a pivotal role in bridging the gap between design and development, ensuring seamless transitions from complex mockups to pixel-perfect designs, while preserving the intended user experience and aesthetics.
- Utilized a diverse toolkit encompassing WordPress, Joomla, Drupal and Shopify to craft visually appealing and functional websites, catering to the specific needs and preferences of clients across various industries.

- Demonstrated expertise in WordPress by customizing themes, plugins, and functionalities to meet unique project requirements, delivering tailored solutions that aligned with clients' branding and objectives.
- Leveraged Joomla's capabilities to create robust and scalable websites, optimizing user experiences through responsive design, content management, and dynamic functionalities.
- Seamlessly executed e-commerce projects on the Shopify platform, enabling clients to establish and expand their online presence, enhance customer engagement, and drive sales.
- Fostered collaboration with designers, developers, and clients, ensuring alignment with project goals, timelines, and expectations, resulting in the successful delivery of projects that exceeded client satisfaction.
- Contributed to the agency's reputation for delivering high-quality digital solutions that effectively represented clients' brands, boosted online visibility, and facilitated growth in their digital presence.
- Actively participated in project planning, design reviews, and post-launch support, demonstrating a commitment to delivering excellence throughout the project lifecycle.
- Enriched the agency's portfolio with a diverse range of projects, showcasing adaptability and proficiency in translating creative visions into functional, responsive, and visually captivating websites.

Sr. Web Application Engineer - 03/2014 to 06/2015
KKT Pakistan, Lahore, Pakistan
- Assumed a leadership role within a healthcare project, guiding the team through the development, testing, and deployment phases.
- Oversaw the complex integration of Oracle and MySQL databases, facilitating the seamless migration of the patient management system from legacy to modern infrastructure.
- Engineered robust reporting and integration mechanisms that allowed for efficient communication with IT systems, Marketing, and Finance departments, streamlining the dissemination of reports and invoices to patients via Twilio-based SMS updates.
- Leveraged a dynamic tech stack including PHP, Python, HTML5, CSS3, JavaScript, CodeIgniter, MySQL, Oracle Database, and Microsoft Azure server to create a secure and scalable healthcare solution.
- Implemented stringent testing methodologies, encompassing unit tests and test-driven development (TDD), to ensure the accuracy, reliability, and regulatory compliance of the patient management system.
- Orchestrated the integration of Twilio, enhancing patient engagement and communication through automated SMS notifications, billing updates, and appointment reminders.
- Successfully led the project to deployment, enabling healthcare providers to transition smoothly to the updated patient management system, enhancing efficiency and patient care.
- Demonstrated adaptability and strong leadership, quickly assimilating into the project and guiding the team toward the successful implementation of critical healthcare infrastructure.
- Fostered collaboration across departments, ensuring that IT systems, Marketing, and Finance were seamlessly integrated into the patient management system, optimizing processes and communication.
- Contributed significantly to the project's success by delivering a secure, efficient, and patient-centric healthcare solution, improving patient experiences and healthcare provider operations.
- Supporting digital advertising campaigns for fundraising and customer awareness.

Web Application Engineer - 01/2009 to 02/2014
Invokers Web Solution, Lahore, Pakistan
- Commenced my journey with a prestigious digital agency as an intern, demonstrating dedication and a strong work ethic that propelled me through five years of continuous growth and advancement within the organization.
- Advanced from an intern to the esteemed role of a Web Application Engineer, a testament to my commitment, adaptability, and consistent contributions to the agency's projects and goals.
- Collaborated closely with the marketing team, providing invaluable support in bringing projects online efficiently and effectively. My role was pivotal in bridging the gap between marketing strategies and technical execution.
- Specialized in the translation of intricate mockups into visually stunning designs, a crucial step in maintaining the intended user experience and aesthetics, while optimizing functionality across various platforms, including WordPress, Joomla, Drupal and Shopify.
- Showcased expertise in developing and QA testing, consistently delivering high-quality projects that aligned with clients' branding and objectives. Customized themes, plugins, and functionalities in WordPress, demonstrating versatility and technical proficiency.
- Leveraged Joomla's capabilities to create dynamic and scalable websites, enhancing user experiences through responsive design and content management. My contributions were instrumental in achieving project success and client satisfaction.
- Excelled in e-commerce development on the Shopify platform, supporting clients in establishing and expanding their online presence, boosting customer engagement, and driving sales.

- Demonstrated a commitment to excellence throughout the project lifecycle, actively participating in project planning, design reviews, development, and post-launch support.
- Gained recognition within the agency for my ability to develop and debug complex applications, ensuring robust performance and functionality.
- Contributed significantly to the agency's diverse portfolio, adding a range of projects that showcased my adaptability and proficiency in converting creative visions into functional, responsive, and visually captivating websites.
- Test and review code for technical accuracy, performance, standards, and functional compliance to the design.

Business Analyst - 06/2007 to 01/2009
[Systems Limited](#), Lahore, Pakistan
- Understand the requirements of international clients and their projects and coordinate with my development team to implement accordingly.
- Manage project in terms of project scope, budget, duration, and quality.
- Update stakeholder, management, project team, partners on project status.
- Ensure proper closure of project and proper handover to support team.

DSL Broadband Team Lead - 02/2006 to 05/2007
[Pakistan Telecommunication Company Limited](#), Lahore, Pakistan
- Responsible for direct supervision and leadership of 45-50 customer support representatives.
- Meets Scheduling Center financial and performance objectives by estimating requirements, analyzing variances, and initiating corrective actions.
- Prepares Scheduling Center performance reports by collecting, analyzing, and summarizing data and trends.
- Support communication and modeling of mission, vision, values, and words to live by.

Education

Post Graduate Certification: **Management Information Systems 06/2012 – 03/2013**
Virtual University of Pakistan, Lahore, Pakistan.
Master of Business Administration: **MBA (Marketing & Finance) 05/2009 – 05/2011**
National College of Business Administration & Economics, Lahore, Pakistan.
Bachelor of Business Administration: **BBA(HONS) 01/2006 – 01/2009**
National College of Business Administration & Economics, Lahore, Pakistan.

Certification

Certified Blockchain Developer (Blockchain-Council) – **05/2021**	Certified Blockchain Architect (Blockchain-Council) – **04/2021**
Online Degree in Blockchain (Blockchain-Council) – **03/2021**	ALE Seven Nodes Server Configuration and Deployment – **10/2019**
Project Management Professional (PMP) – **01/2018**	CCNA – **08/2006**
Red Hat Certified Engineer – **07/2006**	ZTE Development and System Configuration – **05/2006**