Balamurugan Sithanathan

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Software Developer with 6+ years of experience offering strong expertise in Java, SQL, PostgreSQL, HTML, CSS, and JavaScript. Skilled in Web Development frameworks such as Spring MVC, Hibernate. Experienced in managing large-scale projects with good communication and leadership skills.

TECHNICAL SKILLS

Programming Languages: Java, SQL, PostgreSQL, HTML/CSS, JavaScript, Python, C, C++, PHP
Web development libraries/frameworks: Spring MVC and Hibernate
Tools: Eclipse, Git, Jira, Tableau, Adobe Photoshop, Sublime and Microsoft Office applications.

WORK EXPERIENCE

Solution Specialist (Java Developer), Deloitte   **Chicago, Illinois** (Jun 2022– Present)

- Managed the development and enhancement of TennCare worker portal, which oversees the management of Medicaid benefits for 1.5 million Tennesseans, resulting in a 20% increase in operational efficiency.
- Experienced in developing and maintaining Java-based backend development, designed, and implemented platforms using Java and PostgreSQL, delivering 0 variance results.
- Conducted detailed code-level impact analysis for 50+ change requests, achieving 100% test outcomes for all deliverables.
- Orchestrated CMS testing efforts for VLP, RIDP, FFM and SAVE interfaces, conducting 50+ research activities with cross-functional teams, and streamlined the process, leading to a reduction in preparation and testing time by 32 hours.
- Led client sessions to showcase new implementations, presenting 60+ test scenarios and capturing testing in daily test summary reports (DTSR), ensuring a 100% approval rate for Production deployment.
- Spearheaded the migration of a monolithic application to a microservices architecture, leading to a 40% improvement in scalability and a 20% reduction in infrastructure costs.
- Proven ability to solve complex problems and optimize code for efficiency, producing high-quality, maintainable, and efficient code with 30% less level of effort.
- Optimized SQL queries and database indexes, resulting in a 25% improvement in database performance and a 15% reduction in overall server load.
- Mentored a team of 5 junior developers, improving their coding practices and contributing to a 30% increase in team productivity.
- Created and maintained 10+ mock-up services for all TEDS Interfaces in various environments using the CA tool, reducing reliance on real-time data by 80% in non-production environments.
- Received recognition for exceptional performance and contributions to project success and received reward of excellence award.

Software Engineer (Intern), ACTICO   **Chicago, Illinois** (Mar 2022 – Apr 2022)

- Developed and implemented digital decision flow rules using rule models and decision tables to automate and streamline decision-making processes within digital applications.
- Ensured efficient and consistent decision-making by organizing and managing decision logic effectively.
- Improved application usability and efficiency by automating complex decision-making processes, resulting in a more seamless user experience.

Web Developer (Graduate Assistant), UIC College of Medicine   **Chicago, Illinois** (May 2021 – Feb 2022)

- Designed and built cross-platform web applications using HTML, CSS, JavaScript, PHP, and MySQL.
- Functioned as a full-stack developer, providing solutions to enhance web interface reliability and scalability, with a focus on project management.

Associate (Software Developer), Cognizant   **Chennai, India** (Jun 2016 – Dec 2020)

- Designed and developed robust, scalable, and high-performance Java applications using Spring MVC Framework and Hibernate.
- Utilized Agile methodologies such as Scrum and Kanban to manage project development, ensuring timely delivery and high-quality code by reducing the overall cost by $30k with 20% less effort.
- Conducted thorough code reviews, debugging, and performance tuning to maintain code integrity and optimize application performance by reducing the screen loading time by 40%.
- Collaborated with cross-functional teams to define, design, and new features, ensuring alignment with business requirements and technical feasibility.
- Integrated external APIs and third-party services to enhance application functionality and user experience.
- Developed and maintained database schemas, queries, and stored procedures by reducing the overall time by 30% during production deployment.

EDUCATION

M.S. in **Management Information Systems**   University of Illinois Chicago, USA
B. TECH in **Mechanical Engineering**   SRM University, India