Yueming Zhou

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A technical expert with over 5 years of industry experience, responsible for troubleshooting and delivering efficient, high-quality solutions to enhance the end-user experience. Skilled in managing large-scale projects by prioritizing timelines and fostering team collaboration. Known for strong communication and interpersonal skills, effectively unblocking teams and maintaining project momentum, leading to satisfying outcomes for users and stakeholders.

Skills

Development Methodologies:
- Agile-Scrum/Kanban Process, Traditional Waterfall Process, Feature-Driven Development (FDD), Test-Driven Development (TDD)

Design Approaches/Architectures:
- API Design, Object-Oriented Design, Microservices Architecture, Model-View-Controller (MVC), Component-Based Architecture

Testing Practices:
- Unit Testing, Automated Regression Testing, Smoke Testing, Load Testing, Performance Testing, System Testing

Integration and Deployment Processes:
- Continuous Integration/Continuous Delivery (CI/CD), Version Control, Artifact Management, Feature Flagging

Technical Skills:
- MEL/DataWeave (MuleSoft Development), Java, Oracle, NOSQL, MS SQL, JavaScript, jQuery, Spring Boot, Bootstrap, XSLT, Groovy Script, Gosu Script (Guidewire Development), C#, CSS, HTML

Related Tools/Technologies:
- JIRA, Confluence, Git, CodeCommit, ECS, DynamoDB, S3 Bucket, CodePipeline, Step Functions, EC2, Bedrock, Lambda, Anypoint Studio, Visual Studio Code, Cronacle

Experience

Senior Application Developer
Digital Services, Wawanesa
Jul. 2019 – Present

- Facilitate multimillion-dollar savings by implementing a nationwide electronic document delivery solution.
- Lead analysts and developers to ensure projects progressed smoothly and met all milestones effectively.
- Achieve significant cost benefits and improved performance by successfully migrating 20 integration services and databases to AWS without any critical issues.
- Enhance efficiency and accelerated issue analysis and resolution by developing web-based operational systems and internal automated processes, resulting in a reduction of operational time by at least 9 hours per week, as reported by team members.
- Guarantee product integrity by conceptualizing and implementing a comprehensive testing strategy, achieving 80% unit test coverage along with robust regression and load tests.
- Optimize on-call support efficiency by 80% by designing and deploying data dashboards to monitor application traffic, identify bottlenecks, and trigger alerts for urgent production issues, significantly reducing unnecessary on-call resources for non-urgent alerts.
- Deliver exceptional customer experience for brokers by providing rapid troubleshooting and responsive on-call support during production issues.

Application Developer
Application Delivery Core – Claims, Wawanesa
Mar. 2018 – Jul. 2019

- Redesigned the HCAI application using MuleSoft, achieving zero critical production issues and reducing manual operation processing time by 50%.
- Guided and trained the SSR and Claims Operation teams on certificate installation, error handling, and environment integration processes, enhancing overall team productivity and operational processing time
- Identified and implemented enhancements in Claim Center based on Guidewire recommendations, effectively removing the primary bottleneck that was hindering system performance and optimizing overall functionality.
- Led the Claim Center Vitality team, effectively prioritizing backlog and managing sprints in the absence of the team lead, ensuring continued project momentum.

Application Developer
Application Delivery – Enterprise Content Management, Wawanesa
Sep. 2017 – Mar. 2018

- Ensured consistent and accurate documentation by developing and optimizing document templates for seamless delivery within the Guidewire Suite.
- Significantly enhanced efficiency by creating and refining scripts to streamline the development process.

Junior Web Developer
Online Services, Government of Manitoba
Jan. 2017 – Apr. 2017

- Enhanced user experience by implementing new preview functionality for existing web applications.
- Ensured clear communication with stakeholders by developing new web forms based on client requirements.
- Improved and maintained features for the EForm Retrieval WebApp by creating internal CSS and JavaScript libraries and designing new graphical user interfaces using Bootstrap.

Education

Dec. 2018
Bachelor's Degree of Science, Major in Computer Science | University of Manitoba
Graduated with Distinction

Professional Development

MuleSoft Certified Developer – Level 1 (Mule 4)