**SUSHMITA JOSHI**

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## Summary

Self-sufficient and reliable professional with 15+ years of experience in software development for the insurance industry. Successfully lead web-based application development adhering to security standards and code optimization to reduce technical debt. Experienced in Agile, Waterfall, and Test-Driven Development. Strengths include architects and System design, problem-solving, taking ownership, guiding and mentoring junior members, and the ability to learn quickly. Seeking a technical lead position to apply technical and leadership skills.

## Technical Skills

C#, ASP.NET (Web forms & MVC), ASP.Net Core, JavaScript, Java (Spring), JQuery, Angular, React, JSON, Ajax, XML, XSLT, HTML5, CSS, Bootstrap, OOP, OOAD, Design Patterns, Visual Studio, REST API, WCF, Web Services, Microsoft SQL Server 2016, MYSQL, TFS, GIT, MSBuild, REST APIs, NUnit Testing, Splunk, DataDog, App Dynamics, Sentry, Jira, Confluence.

Professional work experience

**Allstate Inc., San Francisco, CA Aug 2021 – Present**

**Role: Lead Software Engineer**

Responsible for all aspects of the technical implementation of a business solution, involved in both business consulting and the development processes, and guiding the technical flow of the project activity as SME from solution development, pair programming, demo the achievable, participating in daily scrum meetings and delivery.

**Responsibilities**

1. Implemented the feature with A/B testing capability and delivered projects which improved customer retention.
2. Lead an optimization effort to address front-end unhandled JavaScript exceptions to improve the lighthouse score by 25%.
3. Analyzed and fixed the performance issues resulting in a spike in CPU usage in a drools-based application.
4. Lead AWS Datacenter migration effort for the team by providing necessary support like troubleshooting and sharing application details and dependencies with the platform team.
5. Created Splunk dashboard to monitor application performance, application metrics of customer quotes, and troubleshoot production issues.
6. Implemented and monitored security measures using Fortify scan to keep the application in good standing against OWASP security standards.
7. Hands-on experience with REST API design, development, management and 12-factor principles using Java spring.
8. Hand-on experience in developing single-page application and responsive web development using Angular and bootstrap.
9. Maintained unit test cases using NUnit and have experience in incorporating TDD practices.

**ESURANCE Inc. (An Allstate Company), San Francisco, CA Dec 2007 – July 2021**

**Role: Senior Software Engineer**

As a Senior Software Developer, worked on several CVP projects and delivered with good quality. Possess

strong domain knowledge of auto insurance, homeowners insurance, and billing and payment systems.

**Responsibilities**

1. Developed, maintained, and added functionalities to the system to enhance the customer's experience and meet the business requirement.

2. Reviewed and analyzed requirements, estimated the effort for the implementation and attended planning sessions.

3. Participated in system and database design to support the object-relational model.

4. Lead and implement projects ensuring that code adheres to strict standards for accessibility, security, object-oriented practices, and performance.

5. Implemented an interface to communicate with the Paymentech gateway to run a scheduled service.

6. Created and consumed SOAP/RESTful web services, worked on various WCF services and windows services to integrate with Vendor API and various in-house interdependent services and applications.

7. Collaborate cross-functionally with product managers, engineers, and quality assurance managers during the development and integration phases and troubleshoot and debug software stacks.

8. Created stored procedures, triggers and user data scripts according to the system requirement.

## Education

1.     Master of Computer Science, Maharishi University of Management, Fairfield, Iowa

2.     Bachelor of Engineering in Computer, Kathmandu University, Dhulikhel, Nepal

## TRAINING AND CERTIFICATION

1. AWS Certified Cloud Practitioner valid till June 2025
2. Build an app with ASPNET Core and Angular from scratch.
3. REST API Design, Development and Management.
4. Learning Git and GitHub.

## Activities

1. Member of Castro Valley Toastmasters club
2. Member of MUM Alumni Association.
3. Member of Computer Professionals at MUM.