Shubham **Gulati**

Senior Software Engineer • Certified Cloud Architect • 7 Years Experience • B.Tech & M.Tech

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SUMMARY

Shubham is an award-winning Senior Software Engineer with 7 years of exceptional IT experience at industry leading U.S. and Canadian professional services firms. He has a Masters degree in Computer Science & Engineering and is certified in AWS. His core competencies include object-oriented programming and scalable services development using Java, Spring Boot, & Microservices.

EXPERIENCE

Senior Technology Consultant, Deloitte Consulting   India – 2022-2022

✦ Led a backend team to enhance the client's usage reporting application, resulting in a 25% improvement in user satisfaction.

✦ Promoted software engineering best practices, leading to 35% increase in reliability and adherence to high quality standards.

✦ Conducted training sessions and code reviews for new hires in the team, improving the team's onboarding efficiency by 20%.

✦ Actively participated in sprint planning with key stakeholders, ensuring timely reporting and successful delivery of the project.

Technology Consultant, Deloitte Consulting   India – 2019-2022

✦ Architected and developed user personalizations for a client's Customer Support Portal, increasing user satisfaction by 20%.

✦ Developed a reusable foundation for all microservices, enhancing the system reliability and reducing technical debt by 30%.

✦ Integrated a Spring Cloud Config Server and HashiCorp Vault for easy management of secrets, reducing security risk by 40%.

✦ Resolved performance bottlenecks, improving the performance and scalability of critical features like search and downloads.

Technology Analyst, Deloitte Consulting   India – 2018-2019

✦ Transformed complex HR Portal monolith with 750+ APIs to cloud-native microservices, improving system scalability by 35%.

✦ Developed efficient microservices using Spring Boot, Java, Apache libraries, resulting in scalable and maintainable backend.

✦ Delivered high precision modules like Mergers & Acquisitions and Career Advancement, enhancing system reliability by 20%.

✦ Delivered well-organized API collections and OpenAPI endpoints to QA and Support teams, reducing transition time by 50%.

Associate Software Engineer, CGI Inc   India – 2016-2018

✦ Developed innovative framework to manage state of production system using JMX, reducing maintenance downtime by 95%.

✦ Transformed applications from Oracle WebLogic Server to Spring Boot, reducing license costs and improving maintainability.

✦ Delivered a comprehensive set of unit tests for services using JUnit and Power Mockito, decreasing production bugs by 10%.

EDUCATION

Postgraduate Certificate, Computer Application Security, Conestoga College   Waterloo, ON

Postgraduate Certificate, Cloud Computing & Blockchain, Saskatchewan Polytechnic   Saskatoon, SK

Master of Technology, Computer Science & Engineering, Jaypee Institute of Information Technology   India

Bachelor of Technology, Computer Science & Engineering, Jaypee Institute of Information Technology   India

LICENSES & CERTIFICATIONS

AWS Certified Developer Associate, Amazon Web Services (AWS)   Pursuing

AWS Certified Solutions Architect Associate, Amazon Web Services (AWS)   FPDELC1KXFF1QXK5

AWS Certified Cloud Practitioner, Amazon Web Services (AWS)   JJMV6422RJ1Q1NWV

SKILLS

Backend	– OOP, Microservices, JDK, Java, Lambdas, Spring Boot, Spring Cloud, Spring Web, Spring Security, AOP, Git
	– Streams, Events, RESTful, JUnit, Power Mockito, SQL, ORM, JPA, Hibernate, Normalization, OpenAPI, Swagger
	– SDLC, Agile, Scrum, Jetbrains IDEA, Logging, Exception Handling, Pagination
Infra / Cloud	– AWS (EC2, S3, DynamoDB, CloudFormation, IAM), GCP, DevOps, GitHub Actions, Docker, Jenkins, SonarQube
Security	– pfSense, GVM, Nessus, Cryptography, PKI, Risk Assessment, Threat Modelling, Ghidra, IDA, Reconnaissance
Frontend	– SSG, SSR, Typescript, React, HTML, CSS, TailwindCSS, Next.js, Astro.js, Jetbrains Webstorm, Linters, Formatters

HONOURS & AWARDS

Conestoga	– High Distinction Award, Outstanding academic achievement in Computer Application Security.	2024
Conestoga	– Best of Program Award, Best Capstone Project in Computer Application Security program.	2024
Saskpoly	– Dean's List Award, Outstanding academic achievement in Cloud Computing & Blockchain.	2023
Deloitte	– Applause Award, Technical contribution to the success of the eCX project.	2022
Deloitte	– Outstanding Award, Technical contribution to the success of the STAR Migration project.	2020
Deloitte	– Outstanding Award, Technical contribution to the success of the HRAlly project.	2019
Deloitte	– Applause Award, Project delivery excellence during the development of the HRAlly project.	2019
Deloitte	– Spot Award, Critical support during CSP 2.0 project go-live.	2019
Deloitte	– Applause Award, Delivery excellence during CSP 2.0 project development.	2018
CGI	– Apex Award, Unsupervised delivery, and individual contribution to the M2M GDSP project.	2017

PROJECTS

Blog	– Self-taught React, Typescript, TailwindCSS, Next.js, and Astro.js to build a blog with a simple design.
OSCAR EMR	– Secured Maven build supply chain for OSCAR, an open-source Canadian Healthcare EMR system.
Emoverse	– Built a full-stack journaling platform using AWS serverless services, and fully automated CI-CD pipeline.
SmartDegree	– Built a DApp to issue digital certificates using Solidity and Web3 and deployed on Ethereum blockchain.
DevMyMacX	– Self-taught shell scripting to automate user and developer environment setup on a fresh macOS install.
DevMyLinuX	– Self-taught shell scripting to automate Arch Linux OS and environment setup with minimal user interaction.

PUBLICATIONS

Research Paper

✦ An efficient technique to control road traffic using Fuzzy Neural Network System.
✦ Published in the IEEE Journal – https://dx.doi.org/10.1109/ICRITO.2014.7014723