

Shubham Gulati

SENIOR SOFTWARE ENGINEER • CERTIFIED CLOUD ARCHITECT • B.TECH & M.TECH IN CSE

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SENIOR SOFTWARE ENGINEER 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 cloud-native web application development using Java, Spring Boot, and Microservices.

WORK EXPERIENCE

Senior Technology Consultant – Deloitte Consulting, India

Jun 2022 – Nov 2022

- Lead a team of six junior developers to enhance the reliability and accuracy of a usage reporting application by 30%.
- Streamlined the development processes by enforcing best practices to improve code quality and reliability of the system.
- Reduced the risk of security incidents by designing a framework to access sensitive application data from a vault.

Technology Consultant – Deloitte Consulting, India

Sep 2019 – May 2022

- Developed the client's support portal which is a one stop shop for all the support related needs for business users.
- Increased code reusability and system reliability by developing a common foundation for all microservice modules.
- Improved the performance of mission-critical features by 25% by optimizing application code and database queries.

Technology Analyst – Deloitte Consulting, India

Apr 2018 – Aug 2019

- Developed a client's HR Portal which was a regulated product with highly sensitive data and numerical operations.
- Reduced the operational costs of the portal by 20% by re-writing the legacy Coldfusion application using Spring Boot.
- Improved the efficiency and security of the modules by up to 80% by re-architecting backend services for the cloud.

Associate Software Engineer – CGI Inc., India

Aug 2016 – Apr 2018

- Developed a framework to manage the state of system services which reduced the maintenance downtime by 95%.
- Migrated SOAP web services in legacy applications to REST endpoints using modern Spring Boot-based microservices.

CERTIFICATIONS

CompTIA Security+, CompTIA

Expected

AWS Certified Developer Associate, Amazon Web Services (AWS)

Expected

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

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AWS Certified Cloud Practitioner, Amazon Web Services (AWS)

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TECHNICAL SKILLS

Advanced – Java, Microservices, Spring Boot, JPA, Hibernate, REST API, GraphQL, Git, GitHub, Postman, AWS

Intermediate – SQL, MySQL, PostgreSQL, Next.js, Astro.build, TailwindCSS, HTML, CSS, Javascript, Typescript, React
Swagger, OpenAPI, GCP, OAuth, CrushFTP, Shell Scripting, Docker, Kubernetes, Jenkins, Solidity, Ethereum

EDUCATION

Master of Technology, Computer Science & Engineering , Jaypee Institute of Information Technology	India
Bachelor of Technology, Computer Science & Engineering , Jaypee Institute of Information Technology	India
Postgraduate Certificate, Cloud Computing & Blockchain , Saskatchewan Polytechnic	Saskatoon, SK
Postgraduate Certificate, Computer Application Security , Conestoga College	Waterloo, ON

REWARDS & RECOGNITION

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

PROJECTS

Portfolio – Self-taught Next.js, React, and TailwindCSS to build a personal website & blog with minimal and modern design.

OpenOSP EMR – Secured Maven build supply chain for OSCAR, an open-source EMR system used in Canadian Healthcare.

Emoverse – Full-stack journaling platform built using AWS serverless services, and fully automated CI-CD pipeline.

Smart Degrees – DApp to issue digital certificates built using Solidity, Web3 libraries, and Ethereum blockchain.

DevMyMacX, **DevMyLinux** – Self-taught shell scripting to create a bootstrap scripts to setup macOS & Arch Linux.

PUBLICATIONS

An efficient technique to control road traffic using Fuzzy Neural Network System

- Research Paper, Published in the IEEE Journal – <https://dx.doi.org/10.1109/ICRITO.2014.7014723>