

Shubham Gulati

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

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PROFILE

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.

EXPERIENCE

Senior Technology Consultant, Deloitte Consulting

India – 2022-2022

- ♦ Lead a team of junior developers that enhanced the accuracy of a reporting application by 30%.
- ♦ Streamlined development lifecycle by enforcing coding best practices and improved reliability of the system.
- ♦ Reduced the risk of security incidents by designing a framework to fetch configuration secrets from HashiCorp Vault.

Technology Consultant, Deloitte Consulting

India – 2019-2022

- ♦ Developed the client's support portal which is a one stop shop for all the support related needs for business users.
- ♦ Reduced technical debt for a major client project by developing a common foundation for microservice modules.
- ♦ Improved the performance of mission-critical features by 25% by optimizing code and database queries.

Technology Analyst, Deloitte Consulting

India – 2018-2019

- ♦ Developed 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 Coldfusion application using Java & Spring Boot.
- ♦ Improved the efficiency and security of the modules by 80% by re-architecting backend services for the cloud.

Associate Software Engineer, CGI Inc

India – 2016-2018

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

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

CERTIFICATIONS

CompTIA Security+, CompTIA

Pursuing

AWS Certified Developer Associate, Amazon Web Services (AWS)

Pursuing

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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SKILLS

- | | |
|----------------------|---|
| Backend | – Java, Microservices, Spring Boot, Spring Cloud, JPA, Hibernate, REST, GraphQL, Git, SQL, OpenAPI, Swagger |
| Infra / Cloud | – AWS (EC2, S3, DynamoDB, CloudFormation, IAM), GCP, GitHub Actions, Docker, Jenkins |
| 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 |

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	– 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>