

# Shubham Gulati

SENIOR SOFTWARE ENGINEER • CERTIFIED CLOUD ARCHITECT • WATERLOO, ON

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## SENIOR SOFTWARE ENGINEER SUMMARY

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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 cloud. His core competencies include web application development using Java, Spring Boot, and Microservices architecture.

## WORK EXPERIENCE

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### 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

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

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**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

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

**Intermediate** – SQL, MySQL, PostgreSQL, Swagger, OpenAPI, GCP, OAuth, CrushFTP, Next.js, TailwindCSS

**Basics** – Shell Scripting, Docker, Kubernetes, Jenkins, Solidity, Ethereum, HTML, CSS, Javascript, Typescript, React

## EDUCATION

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

## REWARDS & RECOGNITION

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<b>Saskpoly</b> – <b>Dean’s List Award</b> , Outstanding academic performance in Cloud Computing & Blockchain	<i>Nov 2023</i>
<b>Deloitte</b> – <b>Applause Award</b> , Technical contribution to the success of the eCX project	<i>Mar 2022</i>
<b>Deloitte</b> – <b>Outstanding Award</b> , Technical contribution to the success of the STAR Migration project	<i>Dec 2020</i>
<b>Deloitte</b> – <b>Outstanding Award</b> , Technical contribution to the success of the HRally project	<i>Jul 2019</i>
<b>Deloitte</b> – <b>Applause Award</b> , Project delivery excellence during the development of the HRally project	<i>Feb 2019</i>
<b>Deloitte</b> – <b>Spot Award</b> , Critical support during CSP 2.0 project go-live	<i>Jan 2019</i>
<b>Deloitte</b> – <b>Applause Award</b> , Delivery excellence during CSP 2.0 project development	<i>Dec 2018</i>
<b>CGI</b> – <b>Apex Award</b> , Unsupervised delivery, and individual contribution to the M2M GDSP project	<i>Sep 2017</i>

## PERSONAL PROJECTS

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

**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

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### **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>