

# Shubham Gulati

SENIOR SOFTWARE ENGINEER • CERTIFIED CLOUD ARCHITECT

Waterloo, ON  
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github.com/iamshgulati  
https://gulati.sh

## CAREER PROFILE

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- 7 years of exceptional software engineering experience at industry leading U.S. & Canadian professional services firms.
- Masters in Computer Science & Engineering and certified in AWS cloud architecture design, setup, and management.
- Delivered multiple enterprise applications with key optimizations to performance, security, scalability, and reliability.
- Core competencies include web application backend design & development using Java, Spring Boot & microservices.

7y Experience | Certified Cloud Architect | AWS | Java | Spring Boot | Microservices

## PROFESSIONAL EXPERIENCE

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### Deloitte Consulting, India

*Deloitte US-India Offices (USI) is an extension of the Deloitte US organization serving clients within USA, from it's offsite offices in India.*

#### Senior Technology Consultant

*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

*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

*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.

## PREVIOUS EXPERIENCE

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### CGI Inc., India

*CGI Inc. is a Canadian IT consulting and systems integration company headquartered in Montreal, Quebec, Canada.*

#### Associate Software Engineer

*Aug 2016 – Apr 2018*

## CERTIFICATIONS

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2024	<b>AWS Certified Developer - Associate</b> , Amazon Web Services (AWS)	<i>Expected Mar 2024</i>
2023	<b>AWS Certified Solutions Architect - Associate</b> , Amazon Web Services (AWS)	<i>FPDELC1KXFF1QXK5</i>
2023	<b>AWS Certified Cloud Practitioner</b> , Amazon Web Services (AWS)	<i>JJMV6422RJ1Q1NWW</i>

## EDUCATION

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<b>Conestoga College, Waterloo, ON</b> Postgraduate Certificate, Computer Application Security	<i>Expected</i> 2024
<b>Saskatchewan Polytechnic, Saskatoon, SK</b> Postgraduate Certificate, Cloud Computing & Blockchain — 97.3%	2023
<b>Jaypee Institute of Information Technology, India</b> Master of Technology — MTech, Computer Science & Engineering — Canadian Equivalency — Master's	2015
<b>Jaypee Institute of Information Technology, India</b> Bachelor of Technology — BTech, Computer Science & Engineering — Canadian Equivalency — Bachelor's	2014

## PUBLICATIONS

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**An efficient technique to control road traffic using Fuzzy Neural Network System**  
Research Paper, Published in IEEE Journal — <https://dx.doi.org/10.1109/ICRITO.2014.7014723>

## PERSONAL PROJECTS

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- **gulati.sh** – Self-taught Next.js, React, and TailwindCSS to develop a personal website with a clean 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.

## REWARDS & RECOGNITION

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

## TECHNICAL SKILLS

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<b>Advanced</b>	Java, Microservices, Spring Boot, JPA, Hibernate, REST API, GraphQL, Git, GitHub, Postman AWS IaaS (IAM, VPC, EC2, S3, EBS, ALB), AWS Serverless (Lambda, SQS, SNS)
<b>Intermediate</b>	SQL, MySQL, PostgreSQL, Swagger, OpenAPI, GCP, OAuth, CrushFTP, Next.js, TailwindCSS
<b>Basics</b>	Shell Scripting, Docker, Kubernetes, Jenkins, Solidity, Ethereum HTML, CSS, Javascript, Typescript, React