Shubham **Gulati**

AWS Certified Software Engineer - Full-stack Developer - 6+ Years Experience - B.Tech & M.Tech in C.S.E.

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SUMMARY

AWS Certified Software Engineer with 6+ years of experience at leading U.S. and Canadian consulting firms. Proven track record of collaborating with North American clients to deliver customer-centric solutions. Demonstrated leadership in successful cloud migration projects and cross-functional team collaboration. Highly skilled in full-stack development using Java, Microservices, SQL, NoSQL, React, and Typescript. Proficient in creating large-scale distributed systems with asynchronous messaging. Committed to delivering robust, efficient, and secure applications in agile environments, with a focus on scalability, consistency, and availability.

RECENT EDUCATION

• **Postgraduate Certificate**,	Computer Application Security,	Conestoga College,	Canada,	2024
• **Postgraduate Certificate**,	Cloud Computing & Blockchain,	Saskatchewan Polytechnic,	Canada,	2023

LICENSES & CERTIFICATIONS

• **AWS Certified Developer Associate**,	Amazon Web Services (AWS),	Expected
• **AWS Certified Solutions Architect Associate**,	Amazon Web Services (AWS),	FPDELC1KXFF1QXK5
• **AWS Certified Cloud Practitioner**,	Amazon Web Services (AWS),	JJMV6422RJ1Q1NWV

EMPLOYMENT HISTORY

Deloitte (India),   Jun 2022 - Nov 2022

Senior Consultant, Technical Leadership and Mentorship

- Led a backend team to implement a usage reporting system using Java, Spring Boot, Gradle, Apache POI, Apache PDF, PostgreSQL, leading to flexible data submission methods, reduced manual errors, accurate license usage reporting and higher user satisfaction.
- Championed software engineering best practices, focusing on test-driven development, DevOps processes, and Git repository management. Implemented rigorous code review and clean coding principles, leading to substantial reduction in production bugs.
- Actively participated in bi-weekly sprint planning with key stakeholders, clarifying ambiguous requirements, and aligning team with the organizational goals. Facilitated transparent communication and regular updates, achieving a ~98% on-time delivery rate.
- Implemented Agile methodologies and mentored peers and new hires through training sessions, code reviews and hands-on guidance to junior developers, leading to enhanced team morale, increased delivery velocity, and improved technical capabilities.

Deloitte (India),   Sep 2019 - May 2022

Consultant, Backend Architecture and Technology Strategy

- Architected and implemented a secure Notification Service using Spring Mail, HTML templates, and RESTful APIs, leveraging cross-team collaboration to deliver personalized alerts across user dashboards and emails resulting in enhanced user engagement.
- Spearheaded a configuration externalization initiative in collaboration with DevOps and InfoSec teams, using Spring Cloud Config Server, HashiCorp Vault, Git, and RabbitMQ, leading to a significant improvement in the security posture and operational efficiency.
- Developed a reusable foundation for microservices using Java, Maven, Spring Boot, Spring Data, JPA, Hibernate, AOP, and PostgreSQL resulting in a substantial reduction in the technical debt and a cross-team adoption for new microservice development.
- Led the design and implementation of personalized features and critical functionalities for a Customer Support Portal, employing user-centric design principles to align the development with user's needs, resulting in high user satisfaction and engagement.

Deloitte (India),   Apr 2018 - Aug 2019

Business Technology Analyst, Microservices Development and Cloud Migration

- Led the migration of a HR Portal monolith from Adobe ColdFusion to Microservices architecture, and collaborated with UI/UX teams and domain experts to enhance the user experience, and future maintainability of the Employee Lifecycle management process.
- Developed resilient Microservices using modular design principles, Java, Maven, Spring Boot, and Spring Cloud, SQL, and Apache POI creating over 750 REST endpoints to improve the performance and scalability for complex HR operations during peak loads.
- Delivered highly complex modules like Mergers & Acquisitions by collaborating with domain experts. Broke down intricate requirements into manageable components, creating reusable elements to enhance overall flexibility and efficiency of the system.
- Provided well-organized API collections in Postman and well-documented OpenAPI endpoints to UI, Testing, and Support teams, streamlining the transition process, enhancing productivity and empowering team members to utilize APIs effectively from day one.

CGI Inc (India),   Aug 2016 - Apr 2018

Associate Software Engineer, Backend Development and Application Modernization

- Migrated traditional SOAP web services from Oracle WebLogic Server to a modern tech stack using Spring Boot for a call and data billing (CDR) platform for M2M IoT devices, demonstrating strong adaptability by quickly mastering new tools and technologies.
- Spearheaded an initiative to develop an innovative framework for managing the state of the production system using Apache Zookeeper, collaborating effectively with cross-functional teams and ensuring availability of essential services during maintenance.
- Developed and implemented a comprehensive suite of unit tests for services using JUnit and Power Mockito, achieving high code coverage, enhancing code robustness, improving the software quality and boosting the team confidence in deploying updates.

RELEVANT SKILLS

- **Backend**: Microservices, JVM, Java, Spring Boot, Spring Cloud, JPA, Hibernate, AspectJ, Log4J, Kotlin, Quarkus, Dropwizard
- **Backend**: AWS, Apache Kafka, RabbitMQ, Domain-driven design, Event-driven, Asynchronous messaging, Docker, Kubernetes
- **Patterns**: API Gateway, Circuit Breaker, SAGA, Event Sourcing, CQRS, Object-Oriented Programming, Functional, Reactive
- **Web**: RESTful APIs, HTTP, JSON, React, JavaScript, TypeScript, HTML, CSS, Next JS, Tailwind CSS
- **Databases**: SQL (PostgreSQL, MySQL, Oracle, MSSQL), NoSQL (MongoDB, DynamoDB), JDBC, JPA, Hibernate
- **Tools**: Git, GitHub Actions, Postman, SonarQube, Jira, Lombok, Apache Commons (Collections, Validator, IO, Logging, VFS)
- **Other**: Agile, Scrum, Code review, Navigating ambiguity, Best practices, Cross-functional collaboration, Mentoring

EDUCATION

- **Master of Technology,**   Computer Science,   Jaypee Institute of Information Technology,   India,   2015
- **Bachelor of Technology,**   Computer Science,   Jaypee Institute of Information Technology,   India,   2014

HONORS & AWARDS

- **Conestoga College**:   President's Honor List (2024), High Distinction Award (2024), Best of Program Award (2024)
- **Saskatchewan Polytechnic**:   Dean's List (2023)
- **Deloitte**:   Applause Award (2022), Outstanding Award (2020), Outstanding Award (2019),
- **Deloitte**:   Applause Award (2019), Spot Award (2019), Applause Award (Deloitte, 2018)
- **CGI**:   Apex Award (2017)

PROJECTS

- **shubhamgulati.com**, Built a blog using React, Typescript, and Next.js, with an automated CI/CD pipeline using GitHub Actions.
- **Emoverse**, Built a full-stack journaling app using AWS Lambda, CloudFront, CloudFormation, and fully automated CI/CD pipeline.
- **OSCAR EMR**, Contributed to software supply chain security of open-source OSCAR project used in Canadian Healthcare industry.