GOURAB SARKAR

gourab.sarkar01@outlook.com • +91-9674022054 • Kolkata, West Bengal, India

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 6+ years of experience delivering scalable, secure, and efficient full-stack enterprise applications across global clients such as Dell, Cisco, and the World Intellectual Property Organization. Expertise in Java, Go, and cloud-native solutions (AWS, GCP). Known for building high-impact backend services, automation tools, and robust microservices. Consistently recognized for technical innovation and delivery excellence.

TECHNICAL SKILLS

Languages: Java, Go (Golang), TypeScript, Python, Perl, Bash
Frameworks & Technologies: Spring Boot, Angular, Vert.x, REST APIs, GRPC, Microservices
Cloud Platforms: AWS, GCP
Databases: MySQL, SQLite, HyperSQL, MongoDB, AWS DynamoDB
DevOps & Tools: Docker, Compose, Kubernetes, CI-CD, Git, AI

PROFESSIONAL EXPERIENCE

Accenture (Client: Dell Technologies) – *Custom Software Engineering Senior Analyst*
May 2022 – Present | Kolkata, India

- Architected and led development of an automated issue detection and case management system for Dell's diverse data center assets using Go, automating hundreds of hours of manual effort across business units and capable of processing 10000+ notifications in under a minute.
- Architected and implemented a tailored disaster recovery solution providing data center administrators selective backup and restore capabilities for devices, configurations, and system data using Java, Vert.x, Angular & Docker. It features automated on-site and off-site backups, as well as robust encryption for securing sensitive data.
- Architected and led development of a highly customizable security feature to automatically block and unblock specific notification channels for malfunctioning devices, or in response to spam or malicious network activity, seamlessly integrating with a diverse range of devices having varied configurations using Java, Vert.x, Angular & Docker.
- Architected and implemented high-performance batch synchronization mechanisms for next-generation Dell data center infrastructure using Go, prioritizing scalability and efficiency.
- Architected and implemented end-to-end functionalities for device validation, update management, and data collection using Go, enabling efficient, automated oversight of device status, health and other performance metrics across large-scale environments.
- Mentored interns on backend development, system architecture, and DevOps practices across Java and Go-based microservices, fostering technical growth and improved code quality.
- Actively served as a Mental Health Ally and peer mentor at Accenture, supporting workplace well-being and promoting a culture of openness and support.

Zensar Technologies (Client: Cisco Systems) – *Software Engineer*
Nov 2020 – May 2022 | Pune, India

- Engineered and implemented a full-stack web application using Spring Boot, Angular, MongoDB, Docker Compose displaying detailed specifications, testing status, feedback, security info, and other diverse data points for Cisco's hardware and software solutions. It plays a critical role in Cisco's product pipeline, significantly reducing manual effort and improving operational efficiency.
- Developed and deployed several REST microservice applications using Java, Spring Boot, Angular, MongoDB & Docker Compose for various enterprise product lifecycles and events.
- Developed automated build, test, and containerization pipelines for full-stack applications using Docker Compose and GitHub Actions CI/CD, streamlining deployment and integration workflows.
- Managed deployments to on-premises Linux servers, AWS and GCP cloud services.

- Developed Java-based microservices leveraging AWS services such as Lambda, Step Functions, Cognito, S3, SNS and SQS, API Gateway, and Secure Parameter Store for an internal platform that correlates hardware/software issues, customer feedback and operational data, enhancing diagnostics and decision-making across Cisco's product ecosystem.

Zensar Technologies (Client: World Intellectual Property Organization) – *Junior Software Engineer*
Aug 2019 – Oct 2020 | Pune, India
- Developed RESTful backend services for the WIPO customer profile management system using Java, Spring Boot, and MySQL, enabling secure and scalable user data handling.
- Implemented key backend modules for WIPO's IP (Intellectual Property) management system – supporting patent submissions, renewals, status tracking, and IP search using Java, Spring Boot, and MySQL.
- Developed a full-stack web application for the World Intellectual Property Day 2020 event, integrating dynamic content and event tracking features using Java, Spring Boot, Angular, and MySQL.
- Contributed to backend microservices and frontend modules using Java, Spring Boot, Angular, and MySQL for various internal web applications.

Intel Corporation – *Software Intern*
Aug 2018 – Jun 2019 | Bengaluru, India
- Developed and implemented a Perl-based backend Build Verification System for Intel's Bluetooth firmware drivers, automating configuration validation across diverse scenarios. This initiative significantly reduced driver download package sizes and manual QA effort.
- Enhanced Intel's Bluetooth Firmware Validation tool in Python by implementing and testing several BR/EDR and LE scenarios, significantly improving coverage and reliability of protocol validation.

EDUCATION
B.Tech in Electronics & Communication Engineering
Maulana Abul Kalam Azad University of Technology (formerly WBUT) | 2015-2019
GPA: 8.39 / 10.00

RECOGNITIONS
- Pinnacle Award – NorthStar – Individual (2024) | Accenture
- Delivery Excellence Awards (2022 & 2023) | Accenture
- Rising Star & Star Achiever Awards (2021 & 2022) | Zensar Technologies
- Annual Excellence Award (2021) | Zensar Technologies
- Product Quality Excellence – BTCORE (2019) | Intel Corporation
- Automatic Build Verification System (2019) | Intel Corporation

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