Gaurav Sidana

Glasgow, UK | gauravsidana241@gmail.com | linkedin.com/in/gaurav-sidana

PROFILE SUMMARY

Software Development Engineer with hands-on experience in large-scale architectural overhauls using modern tools like **Temporal** and **Kafka**. Proven ability to enhance system reliability and performance through comprehensive testing and observability. Seeking to leverage expertise in cloud technologies and system design to build innovative software solutions.

WORK EXPERIENCE

Software Development Engineer, Fynd – Mumbai, Maharashtra   Oct 2023 – Aug 2025
- Acted as a key developer in the architectural overhaul of 9 marketplace integrations, migrating from siloed applications to a unified platform orchestrated by **Temporal** workflows. This pivotal change empowered non-technical teams to build new integrations, significantly reducing development cycles.
- Designed and implemented a resilient, event-driven integration for the Amazon VDF marketplace, utilizing **BullMQ** for message queuing and **KafkaJS** to process high-volume feed APIs.
- Enhanced system-wide reliability by authoring the complete testing suite (using **Jest** and **Specmatic**) and integrating **OpenTelemetry** for distributed tracing, leveraging **GCP BigQuery** for analysis.
- Supported the infrastructure and deployment pipeline by managing containerized applications with **Kubernetes** and **Docker**, and by improving CI/CD automation through modifications to **shell scripts**.

PROJECTS

Crime Alert   Sep 2022 – Nov 2022
- Developed a full-stack crime reporting application (**ReactJS, NodeJS**) featuring role-based access controls and an interactive map to enhance public safety.

Virtual Programming Lab   Jul 2021 – Aug 2022
- Created an interactive online programming lab (**JavaScript, PHP, CSS**) with multi-user role management for students, teachers, and administrators.

EDUCATION

University of Glasgow – Glasgow, UK   Sep 2025 – Present
- MSc in Computing Science

Saraswati College of Engineering – Mumbai, Maharashtra   Feb 2021 – May 2023
- Bachelor of Engineering in Computer Science (GPA: 8.42 / 10.0)

SKILLS

Languages	Python, Java, JavaScript, C++
Backend	Kafka, Temporal, Redis, BullMQ
Cloud & DevOps	Kubernetes, Docker, Google Cloud (GCP), Git
Databases	PostgreSQL, MySQL, MongoDB
Frontend	React
Observability	OpenTelemetry, Grafana, Coralogix
Core Competencies	Problem Solving, Adaptability, Time Management, Self-Learning