

SRAYANSH GUPTA

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Experience

Nasheedio

Feb. 2026 – Present

Full Stack Developer (Golang, Flutter, GCP, Redis, Docker)

Remote

- **Developing** the Nasheedio Trends app backend with modular **Go** services as **Docker** containers on **GCP Cloud Run**, pairing **Redis caching** to keep analytics throughput under 120 ms.
- **Automated** CI/CD for dev and prod channels via GitHub Actions and GCP Build triggers, including staging smoke tests and rollout health checks for each release.

NewTab Technologies

Aug. 2025 – Nov. 2025

Full Stack Developer, Flutter, Golang, Gin, AWS, S3, Redis, Docker

Kentucky, United States

- Implemented **location services and geofencing** with **Haversine formula** to send notifications to users in ride areas
- Developed **ride scheduling and requesting system** with real-time matching and **deep linking** integration
- Designed and implemented serverless **backend architecture** using **Cloud Functions** for efficient **notification workflows and task orchestration**.
- Built complete **posts, comments, disappearing messages and real-time chat system** with fully managed **Cloud Functions backend** for scalable data handling and communication.

Software Incubator

Oct. 2024 – Present

Full Stack Developer

Ghaziabad, Uttar Pradesh

- Collaborated in a 45-member team to build and maintain back-ends, ensuring smooth performance and user satisfaction.

Projects

[TrackSheet](#) | Flutter, Golang, Gin, PostgreSQL/Mongo, Firebase, JWT, Docker | [Dashboard](#)

Apr. 2025 - May. 2025

- **Built** a **Golang REST API** for auth, attendance, and notifications, serving 5K+ users.
- **Implemented** a **friends system** with pagination, CRUD flows, and **JWT auth**.
- **Designed** a **multi-database setup** for attendance and marks with sub-200ms responses.
- **Deployed** 3 microservices on **Cloud Run** with **CI/CD**, logging, and interceptors.
- **Handled 3.65L requests in 5 days** with a **99.5% success rate**.

[CodeCollab \(Backend\)](#) | AWS Lambda, WebRTC (Pion, SFU), Prometheus, Grafana | [GitHub](#) | [Live Link](#) Nov. 2025

- Built a **real-time linting backend** in **Golang** using **WebSockets** and **Supabase JWT**.
- Implemented **60 rpm rate limiting** and structured error handling for live linting sessions.
- Orchestrated **AWS Lambda** linting for 5+ languages with a unified **WebSocket contract** around /ws.
- Implemented **Discord-like architecture** for **WebRTC (Pion, SFU)** voice calls and rooms with **STUN/TURN**.
- Scaled voice rooms to **50+ participants** with low-latency communication.
- Added **Prometheus, Grafana**, and **Loki** observability with health and metrics endpoints.
- Deployed via **Docker Compose** on **EC2** with graceful shutdown, **CORS**, and robust middleware.

Technical Skills

Languages: Golang, Dart, Python, JavaScript, SQL, C, C++, HTML/CSS

Technologies: Microservices, REST APIs, Google Cloud Functions, AWS Lambda

Databases & Caching: PostgreSQL, MongoDB, Redis, DynamoDB, pgvector, ClickHouse

Cloud & Infrastructure: AWS (Lambda, API Gateway, S3, EFS, Step Functions, Cognito, Rekognition, Textract), GCP (Vertex AI, Vector Search), Docker, Kubernetes

Tools & Observability: Git, GitHub, Langfuse, Grafana, Loki, Tempo, Mimir, CI/CD Pipelines

Education

Dr. A. P. J. Abdul Kalam Technical University

Oct. 2023

Bachelor of Technology in Computer Science and Engineering (B.Tech CSE) – CGPA: 9.38*

Ghaziabad, Uttar Pradesh

Achievements

- Finalist of the ATL Marathon 2019 at the national level, organized by NITI Aayog.
- Secured funding from the Central Government to develop a project and was selected as a regional-level finalist.
- Achieved a 3-star rating on CodeChef with max rating of 1600+. Specialist at [CodeForces](#).