

# VRUSHAB GHODKE

Bangalore, Karnataka, India

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## Technical Skills

**Languages:** Python(Development/Scripting), Go, JavaScript (ES6+), HTML/CSS, SQL, Lua

**Cloud Services:** GCP (GKE, etc.), AWS (EC2, S3, Lambda, API Gateway)

**Developer Tools:** VS Code, Google Cloud Platform, AWS, Docker, Kubernetes, Terraform, Terragrunt, Jenkins, GitHub

**Monitoring / Logging Tools:** Prometheus, Grafana, Loki

**Technologies/Frameworks:** Linux, React, Next, Express, Flask, FastAPI, Node.js, gRPC, Temporal, LlamaIndex

**Databases:** MongoDB, Postgres

## Education

### Vellore Institute Of Technology

*Master's in Computer Applications*

**Aug. 2023 – March 2025**

*Vellore, Tamil Nadu*

### Pune University

*Bachelor's in Computer Applications*

**Aug. 2019 – March 2022**

*Pune, Maharashtra*

## Experience

### OneAssure

*Software Engineer*

**Dec 2024 – Present**

*Bangalore, Karnataka*

- Migrated AWS to GCP (Terraform/Terragrunt), improving scalability by 40% and reducing cloud costs by 30%.
- Deployed 10+ microservices on GKE, optimizing resources by 25% and achieving 99.99% uptime.
- Developed Go boilerplate (gRPC/HTTP), cutting microservice development by 50% and developer onboarding by 30%.
- Reduced product integration time from 3 months to 3 weeks via workflow re-architecture and automation.
- Automated KYC, payments, and insurer integrations using Go and Temporal workflows.
- Implemented Lua Scripting to dynamically inject parameters and transformed request/response bodies for insurer endpoints using Lua scripts, enhancing system adaptability.
- Developed Retrieval Augmented Generation (RAG) engine prototype (LlamaIndex, MongoDB) for enhanced data retrieval.

### Freelancing Projects

**Feb 2024 – Jul 2024**

*Pune, Maharashtra*

*Full Stack Web Developer*

- Developed web applications: sales system transformation (Excel to web-based) and a platform for design professionals.
- Implemented secure user authentication (JWT) and role-based access control.
- Deployed applications on AWS (Route 53, EC2) using Docker and monitored via Prometheus/Grafana.

### SwaLay

**Aug 2023 – Jan 2024**

*New Delhi*

*Software Engineering Intern*

- Designed and developed APIs using Nodejs for integrating SwaLay's platform with various third-party applications and services.
- Collaborated with team members to design and implement a comprehensive database infrastructure for SwaLay.
- Contributed to the implementation of a CI/CD pipeline using GitHub Actions for the SwaLay music platform.

## Open Source Contributions

### LlamaIndex

*Contributor*

- Developed and contributed a Mongo Chat Store, enhancing LlamaIndex's capabilities for persistent chat history management and retrieval with MongoDB.

## Other Achievement / Extracurricular

### Bolt 2.0 (Organized by ic-ETITE 24)

**February 2024**

*Competitor*

- Participated in a 28-hour hackathon focused on improving accessibility and solving problems in existing Ed Tech platforms.
- Collaborated in a team of four to develop an AI-powered learning assistant that leverages personalized video context.
- Awarded a Participation Certificate for actively contributing to the event.

### HackBattle (Organized by IEEE CS Club)

**November 2023**

*Competitor*

- Participated in a 36-hour hackathon focused on tackling challenges in the healthcare industry.
- Collaborated with a team to develop a patient data management platform for healthcare organizations.
- Awarded a Participation Certificate for actively contributing to the event.