

VRUSHAB GHODKE

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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

Full Stack Web Developer

Feb 2024 – Jul 2024

Pune, Maharashtra

- 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

Software Engineering Intern

Aug 2023 – Jan 2024

New Delhi

- 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)

Competitor

February 2024

Vellore Institute Of Technology

- 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)

Competitor

November 2023

Vellore Institute Of Technology

- 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.