

DIVY SINGHVI

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Education

College of Technology and Engineering, Udaipur

B.Tech in Electronics and Communication Engineering

2023 – 2027

Expected May 2027

Technical Skills

Languages: Java, Python, Go, JavaScript/TypeScript, SQL, Dart

Backend & Infrastructure: Docker, Kubernetes, PostgreSQL, Redis, Gin, Django, FastAPI, Prisma, REST APIs

Cloud & Tooling: AWS, Prometheus, Grafana, Loki, Sentry, GitHub Actions, Git, Linux, Postman

Frontend: SvelteKit, Svelte, Flutter

Concepts: Data Structures & Algorithms, Distributed Systems, System Design, CI/CD, Observability

Experience

Gradr

Dec 2025 – Present

Product Engineer (Product Engineer Intern, Dec 2025 – Mar 2026)

Remote — Sweden

- Own end-to-end delivery of full-stack features in **SvelteKit, Prisma, and Python** for an AI grading platform used by educational institutions
- Own production **observability** for the platform: built the **Grafana, Loki, Promtail, and self-hosted Sentry** stack across three Linux hosts against a **sub-30-second** root-cause target, then rebuilt error fingerprinting and severity derivation for the platform
- Drove **end-to-end test** coverage with **Playwright**, replacing flaky UI-driven state setup with a more stable setup

Kubernetes / CNCF — minikube

Mar 2025 – Present

Open Source Contributor

Remote

- Authored and merged **multiple pull requests** into minikube (**30k+ GitHub stars**), fixing defects in driver provisioning, binary generation, and container networking.
- Hardened **GitHub Actions CI** pipelines and participated in upstream code review and RFC discussions with maintainers.

Euro Technologies

Aug 2025 – Nov 2025

Golang Developer Intern

On-site

- Architected an enterprise **Identity and Access Management** platform from scratch in **Go, Gin, and Redis**, implementing **OIDC/OAuth2** authorization flows for internal services.
- Shipped **WebAuthn** passkeys, **TOTP** MFA, and magic-link auth, plus SSO integrations with Slack, GitHub, and LinkedIn for cross-platform user provisioning.

EF Polymer Ltd.

May 2024 – Jul 2025

Software Engineering Intern — AgriTech startup valued \$70M+

Hybrid

- Built a **Sales & Warehouse Management System** with inventory tracking, analytics, and stock-movement back-tracing, deployed across multiple warehouses.
- Reduced manual data entry by **40%** and mis-shipped products by **20%**.

Projects

Savely — Price Comparison Chrome Extension

FastAPI | Svelte | PostgreSQL

- Scaled to **5,000+ active users** on the Chrome Web Store, serving real-time price comparisons across major e-commerce sites.
- Built scraping engines with proxy rotation and response caching to stay within rate limits at scale.

CodeMind — persistent memory layer for codebases

Python | GitHub Actions | PyPI

- Published **codemind-ci** to **PyPI**: detects when a new PR contradicts a past architectural decision and triggers an automated reconciliation loop.
- Shipped with **19 passing tests** and 3 CI workflows; validated live against a production open-source repository.

Self-Healing Microservice Infrastructure

Docker | Kubernetes | Django | Prometheus

- Built distributed services with automatic failure detection, **self-healing container restarts**, and structured alerting for proactive incident response.

Achievements & Leadership

- **WorldQuant IQC Stage 1 — 2nd Prize (\$1,000)**: ranked **98th globally** in an international quantitative finance competition.
- **Core Organizer**, Google Developer Groups and **AWS** community events — ran technical sessions for student and professional developer audiences.