

Aditya Jyoti

SOFTWARE DEVELOPER

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Experience

ML R&D and Software Development Intern

December 2025 - Present

Shadgunya Technologies Pvt Ltd

- Containerized legacy services and built a **message-based distributed scraper (15 workers, 7k+ entry-points/min)**, deploying **Prometheus, Grafana, iuAlertmanager** for real-time monitoring.

Software Developer

July 2025 - November 2025

PharmInc

- Architected an **8-service Dockerized microservices backend** with **JWT + RBAC**, supporting **400+ MAU** on a **2-core/8GB VM** with efficient resource utilization.
- Built a **GitHub Actions CI/CD pipeline** to automate Docker builds and deploy to a self-hosted registry, reducing manual releases by **80%** via Docker Compose standardization.
- Deployed **ClickHouse + Grafana** for centralized logging, maintained **99% uptime**, and translated product requirements into production-ready features in a 2-engineer team.

Fullstack Intern

June 2025 - July 2025

Aspirify Enterprises Pvt Ltd

- Migrated a **3 year old monolith** into a **master-slave based architecture** with **6 independent scrapers** reducing bundle size by **35–50%**, increasing data ingestion capacity **to 3x** the earlier load.

Projects

Omrin | Docker, Docker Compose, GitHub Actions, SOPS

→ <https://github.com/aditya-jyoti/omrin>

- Built a GitOps-based **self-hosted platform**, sustaining **200+ days uptime** across **15+ Dockerized services**.
- Designed a **GitHub Actions + SOPS** pipeline for encrypted secrets and automated Docker Compose deployments.

Recruitment Platform | Golang, NextJs, PostgreSQL

→ <https://joinus.iececvitc.com/>

- Managed **700** total users, **850** applications and **2000** visitors which ran on less than **20mb ram** usage and **0.04% cpu** usage for over a week.

Volunteering Experience

Frontend Developer

February 2026

Indian Army — Institute of Military Law

- Migrated a **legacy PHP internal portal** into a statically generated **Next.js** app, removing backend infrastructure overhead and delivering a **95 Lighthouse score** with faster and smoother navigation.

Fullstack Developer

June 2025

National Agro Foundation — Public Charitable Trust

- Designed and implemented a real-time **sensor data pipeline** with an interactive dashboard for live visualization of **soil and environmental metrics**, supporting continuous monitoring and analytics.

Technical Skills

Web: SvelteKit, React, Next.js, Astro, TailwindCSS, Node.js, FastAPI, Hono, HTML, JS, CSS

Databases: PostgreSQL, SQLite, SQL

DevOps & Tools: Docker, Docker Swarm, GitHub Actions, Linux, Git, Jira

Practices: Agile, SDLC

Languages: Python, TypeScript, JavaScript, C++, C, Java

Education

Vellore Institute of Technology

Bachelor of Technology, Computer Science Engineering

Chennai, Tamil Nadu

Aug 2023 – May 2027