

ANIMESH SINGH

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EXPERIENCE

Senior Software Engineer (Full Stack Development | Cloud and AI)

Dec 2021 - Present

MeeTri Infotech

- **Lead the Merchant Integration Team at Tata 1MG**, overseeing Order Management systems for **Pharmacy** and **Diagnostics** serving **5M+ MAUs**, with a team of **8**.
- **Contributed** to a **Customer Agent** to streamline **Merchant User Communication** using **LangGraph** and **FastAPI**.
- **Designed and Developed** a B2B payment and order update **aggregator service** using **AWS SQS** and **Kafka**, processing **3700 RPM** with **3ms P99** latency.
- Developed a **Multi-Tenant Identity and Order Fulfillment** services for an agritech **Ecommerce Partner** with **100k MAUs** on **MERN Stack** and **GraphQL**. Handled Deployments for 14 services on **AWS** with self hosting **ElasticSearch**.
- Built an **Inhouse API Gateway (Cerberus)** for **Third Party Vendors** features like **RBAC**, **Rate-Limiting**, **Caching**, **Gateway Event Hooks** and **Visualizations**.
- **Designed** and built a **Service Unification Platform** combining **14 + MERN** based dashboards to be served through a **Single Monorepo setup** using **Turborepo** and **NextJS** for newer offerings.
- Build a permission **library** as over **Keycloak** to extend permission granularity in **Django** and **Sanic (Python)**.
- Setup **Deployment** and **Integration Pipelines** for multiple projects reducing **AWS Cost by 35%** in quarterly bills.

Software Engineer Intern (Full Stack)

Sep 2021 - Dec 2021

Ministry of Education Innovation Cell (GOI)

- **Designed and Launched** a **monolithic Innovation Management Tool** to be used by **30+ educational institutions** from scratch using **Django**, **Next JS**, **Redis**, **OpenAI** and the **AWS** stack.
- **Developed** a **Patentability Engine** in **NodeJS** with **OpenAI APIs** aiding ideation for platform users based on documents and data points **generated across the platform** fetched from **AWS RedShift**.

PROJECTS

OneDoc (MERN, FastAPI, LangChain, Kubernetes (EKS), AWS)

[Live](#)

- A **SaaS tool** for **API** and **documentation** management, streamlining workflows for **TATA 1MG's** development and product teams running **organization** wide for **500+ Users**.
- **Custom AI Editor**, **Public Site Deployment**, **RBAC**, Support for **SCM Providers** like **Github**, **Bitbucket** and **Gitlab** using 5 services deployed on **AWS (EKS) Stack** handling load for the whole organization.

EDUCATION

- Bachelor of Vocation in Software Development | **GGs Indraprastha University** | **GPA: 8.77** 2021
- 12th Science Stream | **CBSE** | **GPA: 8.3** 2018

SKILLS

Frontend: React | NextJS | Javascript | TypeScript | HTML SCSS

Backend: NodeJS | MERN | FastAPI | Sanic | Django | NestJS | Python | Golang | LangChain | LangGraph | REST | GraphQL

Devops & Others: AWS | Github CI/CD | Elastic Search (ELK) | Redis | Kafka | OIDC | KeyCloak | PostgreSQL | MongoDB | DynamoDB | Git | SQS | Kubernetes | Docker | ECS

CERTIFICATION

- ★ FullStack Open UoH [Link](#)
- ★ DevOps with Docker [Link](#)
- ★ Fundamentals in Backend Engineering [Link](#)

HANDLES

→ [Github](#) / [Portfolio](#)

→ [LinkedIn](#)