

ANIMESH SINGH

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EXPERIENCE

Senior Software Engineer

Dec 2021 - Present

MeeTri Infotech

- **Spearheaded** the integration team to build an onboarding suite for **Tata 1MG's 30 + B2B API** and **SSO** based partners.
- Built an **aggregator service** to handle **40+ B2B integration APIs** which reduces the need for on-call rotation from every week to every 3rd week, thus **reducing developer** bandwidth..
- Designed and built a **service unification platform** combining **14 + React / Vanilla** based dashboards to be served through a single **monorepo** setup using **turborepo** and **NextJS** for newer offerings.
- Building an internal permission **library** as a wrapper over **Keycloak** to extend permission granularity of existing systems.
- Designed and developed a **multi-tenant identity and order fulfillment** service for an agritech **ecommerce partner** with expected scale of **20m+ monthly users**.
- Conducted comprehensive **code reviews** and executed **rigorous unit and integration testing** leading to the identification and successful **resolution of over 20 critical production bugs**.

Software Engineer Intern

Sep 2021 - Dec 2021

Ministry of Education Innovation Cell (GOI)

- **Built** and maintained the initial **monolithic offering** of Innovation Management Tool to be used by **30+ educational institutions** from scratch using **Django, Next JS, Redis** and the **AWS** stack.
- Worked with **OpenAI APIs** for integrating the **patentability score engine** utilized during the ideation process.
- Integrated patentability score via a **AWS Lambda** function on the web module
- Developed an **internal automation tool** to streamline entries for **Smart India Hackathon** that gets about **300k+ entries** every year which eventually got used by **multiple departments at AICTE**.

PROJECTS

University Student Portal

[Github](#)

- Build a student portal with **Django (DRF) & React JS** which offers quizzes, grading, attendance, and a **chat forum**.
- Deployed on **Heroku & AWS** used **PostgreSQL** for data management; integrated **MailGun** for efficient communication.

EDUCATION

GGs Indraprastha University | Bachelor of Vocation in Software Development

Completed July 2021

- GPA: 8.77

R.D Rajpal Public School | 12th Science Stream

2018

- GPA: 8.3

SKILLS

NodeJS | DRF | Sanic | React | NextJS | Django | Express | Tailwind | Bootstrap | Tortoise ORM | SQLAlchemy | NestJS | ElasticSearch | Kibana | Redis | Docker | Python | Javascript | TypeScript | SQL | HTML CSS | Git | Unix | MongoDB | GraphQL | OAuth (OIDC) | KeyCloak | C | AWS | Unit Testing | Github CI/CD | Kubernetes (Kubectl)

CERTIFICATION

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

HANDLES

- [Github](#)
- [LinkedIn](#)
- [Stack Overflow](#)