

ANIMESH SINGH

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EXPERIENCE

Software Engineer

Dec 2021 - Present

MeeTri Infotech

- **Developed web based solutions** utilizing **Python** and **TypeScript** to assist and improve efficiency for large companies for managing internal portals by decentralizing existing services while working with a large dataset.
- Developed an **inhouse authorization** solution to work as a pluggable **microservice** in a **pub-sub** fashion.
- Collaborated with an **agile team of 5** helped prioritize and scope feature requests while maintaining **proper testing standards** are followed in building services that have **the biggest impact**.
- Worked as a **lead dev** for external projects while collaborating with **internal teams and stakeholders**, in order to determine solutions of **user experience** and **maintainability**.

Software Engineer Intern

Sep 2021 - Dec 2021

Ministry of Education Innovation Cell (GOI)

- **Built** and **maintained** the initial monolithic version of **India's first Innovation Management Tool** to be used by **30+ educational institutions** from scratch. (**Django / DRF / React / AWS / Docker / PostgreSQL**)
- Developed multiple **automation scripts** and **internal tools** to be used by multiple departments at **AICTE**.
- Oversaw a team of **4 developers** as a senior intern and took care of web modules with my team.

Freelance Wordpress Developer

Jan 2019 - Dec 2019

Self Employed

- Developed and maintained static websites with **20+ clients** from Fiverr and Upwork using **WordPress CMS**.

PROJECTS

TATA 1MG

- Built **multiple internal portals from scratch** overlooking a team of **5 developers** for developing **frontend, backend** and **authentication** of all the applications.
- **Designed** and **developed** software for a **centralized service** to reduce **data** redundancy and **I/O overhead** for **service**
- Converted multiple synchronous services to **Sanic(Python)** and **Tortoise** based **asynchronous services**.
- Build **multiple React based front ends** to **improve performance** to manage large and frequent **data manipulation**.

University Student Portal

[Github](#) [Deployed](#)

- **Built** and **deployed** the full stack project as a college group project based on requirement by the institution built using **Django (DRF)**, **Tailwind CSS**, **PostgreSQL** for development and **AWS**, **Heroku** and **MailGun** for production.
- Tested for **100+ students** and received **positive** responses.

EDUCATION

GGs Indraprastha University | Bachelor's in Software Development

Completed July 2021

- GPA: 8.77

SKILLS

Frameworks - Django • DRF • Sanic • React • NextJS • Node • Express • Tailwind • Bootstrap • Tortoise ORM • SQLAlchemy

Languages - Python • Javascript • Typescript • Html, S(CSS) • C • SQL

Technologies - Git/Github • Unix • Docker • MongoDB • PostgreSQL • AWS(EC2, S3, RDS) • Unit Testing

• REST API • GraphQL • OAuth (OIDC) • KeyCloak

CERTIFICATION

- FullStack Open UoH - [Base](#) | [Docker](#) | [GraphQL](#)
- CS50 Harvard - [Web](#) | [Intro](#)

Github:// [AnimeshRy](#)

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Blog: // [EraCodes](#)