

NAVEEN KUMAR KALAGARLA

@ naveenkalagarla18@gmail.com

+91-9390160995

glamorousbruser12

in naveen-kumar-kalagarla

EXPERIENCE

Software Engineer

TODDLE

Jun 2023 – Present

- Automated the process of updating regular data in the page template UI by bringing in the process of **extraction, transformation, and loading (ETL)** of data. (8-fold increase in productivity)
- Implemented a feature to **draft unsaved changes** in the page for **better user experience**.
- Orchestrated the feature of **language localisation** on the platform, providing **multilingual support** to users in different geographical locations.
- Created an **internal tool** to seamlessly port data from one page to another with **minimal effect** in the UI.
- Delivered a **pipeline** which handles the updating/porting over **4000** templates which teachers use in their unit plans, directly **impacting users**.

Software Engineering Intern

TODDLE

Jan 2023 – Jun 2023

- Optimized the data fetching process for multiple pages using advanced GraphQL techniques like **data-loader (n+1 problem)**, giving **16 folds** efficient load time.
- Reduced **data redundancy** and increased consistency by porting data into a new architecture with **PostgreSQL scripts**.

FULLSTACK INDUSTRY TRAINEE

IBM

June 2022 – Sept 2022

- Generated **EDI-Spec** by building an application that streamlined the EDI specification creation process.
- Improved application **modularity** and **maintainability** by refactoring an application from **Monolithic** to **Microservice** architecture in **Node.js Javascript**.
- Deployed a microservices-based application to a local **Kubernetes** cluster for better **scalability** and management.

TECHNICAL SKILLS

Programming languages

Javascript, C/C++, SQL/PostgreSQL, TypeScript

Technologies

Node.js, GraphQL, React.js, Docker, Kubernetes, Serverless, Express.js,

Developer Tools

VS Code, Git, GitHub, WebSocket, MS Office

EDUCATION

Bachelor of Technology, CSE

IIIT Sricity

2023

Chittoor, Andhra Pradesh

- CGPA: 7.8

PROJECTS

ELECTORENT

Deployed link

- This is a multipurpose e-commerce app that is used to buy products.
- Implemented **CRUD** operations on multiple collections
- Set up a **CI/CD** pipeline using **GitHub Actions** and **Netlify**.
- Dockerized** the entire application.
- Tested APIs using **Mocha** and **Chai**.
- Tech Stack: React, Node.js, Express, MongoDB, Docker, Swagger

POLICE WEBSITE

Deployed link

- A web application bridging the gap between the **police** and the **public. common man**.
- Provides an interface for police to input criminals' details and Users can file an **F.I.R.s** through an online portal.
- Implemented **CRUD** operations on multiple collections and **CI** has been configured in **GitHub actions**.
- Tech Stack: HTML, CSS, Node.js, Express, MongoDB, Docker

SMART SOCIAL

- A web application that is used for people to interact.
- Used **Google OAuth** authentication.
- Implemented delayed jobs using **Kue.js** and **Redis**.
- Developed a **Rest API** with **CRUD** operations.
- Tech Stack: HTML, CSS, JavaScript, Node.js, MongoDB, Redis

ACHIEVEMENTS:

- Qualified for **Facebook Hacker Cup Round-2 2021**.
- Active Member of **Gradient Club** the coding club (**coding club**).of IIIT Sricity.
- Solved more than **500 problems** across multiple platforms **Leetcode** and **Coding Ninjas**.