Midhun Chakkaravarthy K

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Education

Coimbatore Institute of Technology, Coimbatore — Jul 2019 - May 2024
MSc Software Systems(Integrated) CGPA : 8.43/10

Experience

Smartail Private Limited ↗ — **Dec 2023 - Present**
Product Engineer Intern, Tech Stacks : Angular, Flask, Java spring boot, CI/CD, Kafka *Chennai, Tamil Nadu*

- Designed and developed frontend screens for administering syllabus and publication management in schools, focusing on intuitive user interfaces and efficient data mapping.
- Spearheaded the creation of frontend interfaces, ensuring seamless integration with backend functionalities for comprehensive administrative workflows.
- Contributed to the construction of frontend screens, enabling streamlined navigation and user-friendly interactions in managing syllabus, publication, and institute-specific data.

Smartail Private Limited ↗ — **Jul 2022 - Dec 2022**
Product Engineer Intern, Tech Stacks : Angular, Java spring boot, Docker *Chennai, Tamil Nadu*

- Implemented an AI-powered image extraction mechanism, reducing image processing and report generation time significantly.
- Utilized advanced image processing techniques for accurate extraction of questions from images, surpassing manual methods.
- Established efficient communication between the website and database using the Java Spring framework, improving data processing speed.

Projects

Event Hub. | *ReactJS, Firebase, JQuery* — **Sep 2022**

- Engineered an accessible platform that streamlined the discovery of diverse online events, culminating in a surge in user engagement and active participation across a spectrum of webinars, workshops, and events.
- Effortlessly weaving an intuitive chat service empowered authorized users to cultivate communities and engage in interactive discussions, resulting in a surge in collaborative dialogues and prolific knowledge exchange among community members..
- Spearheaded the creation of a user-centric platform that harmonized online event posting and sharing, catalyzing an upswing in user interaction and robust participation levels, ultimately enriching the overall event experience.

Alumini Portal | *Angular, Flask* — **Ongoing**

- Currently involved in an ongoing web project focused on developing an alumni portal, fostering connections between alumni and their respective colleges through community features and private communication channels.
- Continuously contributing to the enhancement and maintenance of the web project, ensuring the seamless functionality of the alumni portal and its open community platform for networking across multiple colleges.

Area Of Interest

- Data Structures and algorithms
- Object Oriented Programming
- Full Stack Development
- Database Management
- Operating System

Technical Skills

Programming Languages: C, Java, Python, JavaScript, SQL .
Frameworks and Libraries: React, Angular, Flask, Java Spring Boot, REST API.
Database: MySQL, MongoDB.
Tools: Git, GitHub, Figma, Kafka, Docker, Versel, Netlify.

Extra-curricular and Leadership

Leadership

- Student Internship Coordinator — **Nov 2021 - Jun 2022**
- School Pupil Leader(SPL) — **Jun 2017 - Mar 2019**

Extra-curricular

- **Certification:** Operating System NPTEL ↗, Attended a Bootcamp in ReactJS.
- **Hackathon:** Aquired 5th place in Mitsubishi Hackathon ↗, acquired 1st place in Melinia Hackathon ↗
- **Bootcamp:** Directed an Angular Bootcamp, organized by the FOSS club at CIT ↗