Anandhalakshmi P A

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Education and Qualifications

2019-2023	**Thiagarajar College of Engineering** Madurai, Tamil Nadu	**Bachelor of Technology** *Information-Technology* (9.2 CGPA)

Work Experience

Jul '23 - Present   **Mr.Cooper**   Chennai, Tamil Nadu
Software Engineer - 1

- Played an integral role in the development efforts as a Software Engineer at Mr. Cooper, contributing to Pyro, an advanced document understanding platform revolutionizing home loan processing.
- Utilized an expert command of React, Java, and Python within the tech stack to architect, develop, and maintain Pyro, resulting in the efficient functioning of the product. Simultaneously, Increased the rate of automation in product.
- Decreased human interaction in servicing home loans by 61% through enhancements by increasing the accuracy of the document understanding platform, through feedback loop.
- Contributed to the continuous improvement of the product through proactive bug fixing, performance optimization, and feature enhancements.

Jan '23 – Jun '23   **Mr.Cooper**   Chennai, Tamil Nadu
Intern

- Spearheaded a Proof-of-Concept project focusing on the workingsof Next.js. Developed a real-time chat application using Next.js, Express, Redis, and Google SSO technology stack, demonstrating proficiency in full-stack development.
- Acquired a comprehensive understanding of the agile workflow methodology through active participation and collaboration during the internship period.Demonstrated adaptability and a rapid learning curve by successfully applying newly acquired knowledge and technologies to deliver innovative solutions within project timelines

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Project Experience

1.Connect – A Chat Application
Tech Stack : Google Authentication, Redis, next.js, Tailwind css
A real time messaging application with enhanced security features that lets users to add, accept/deny and message friends instantly using nextjs

2. Fertilizer Recommendation and Disease Classification in Leaves
Tech Stack: IBM Cloud, python, react, express.
This application focuses on image classification of diseased leaves and suggests an appropriate fertilizer for the classified disease. We've mainly used CNN algorithm for the process.

3. Yelp Camp
Tech Stack: Mongo, Express, HTML CSS JS, Node.
Yelp Camp is a web application that allows user to add, rate and review different campgrounds. so that it is a well-informed camping trip for other users.

Additional Information

Achievements: Published a paper on the topic, Xenobots – A remarkable combination of Artificial Intelligence based biological living robot, in the title International Journal of Sociotechnology and Knowledge Development.
Certified Skill Test on React and JavaScript by Hacker Rank
Certified course completion by Udemy on Web development Bootcamp.
A meticulous member of google developers always learning something new.

Languages Known: English, Tamil, Hindi, Kannada