VENKATA LOKESH P

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Education

RMK Engineering College, Chennai, India   **2020 - 2024**
- Computer Science and Engineering | CGPA: **9.3**

Skills

C++ | C | Java | Python | Machine Learning | JavaScript | NodeJS | React | ExpressJS | MongoDB | MySQL | Git

Work Experience

LetsGrowMore | Intern   **Dec'22 - Jan'23**
- Effectively showcased expertise in front-end frameworks like React, implementing component-based architectures and managing state using Redux.
- Utilized React Developer Tools to debug and inspect React components, resulting in a 20% improvement in application performance and reduced debugging time by 30%.
- Evaluated peer code through comprehensive reviews, identifying critical improvements that decreased software defects by 30% and streamlined code maintenance, leading to 20% faster development cycles.

Projects

HELPPRO   **Mar'24 - Jun'24**
Github | React, Hono, Postgresql, Prisma, Socket IO
- A platform connecting new developers with professionals, enabling GitHub issue bounties, and fostering collaboration using React, Hono, PostgreSQL, Prisma, and Socket.IO.
- Integrated **Socket.IO** for real-time messaging, enhancing user collaboration and support within the platform.
- Utilized **Hono** and **Prisma** to create a robust and efficient backend, ensuring seamless user interactions and data management.
- Established a warehouse for all open-source projects, promoting community engagement and continuous learning.

SimpleChat   **Mar'24 - Apr'24**
Github | React. ExpressJS, NodeJS, Socket IO, Firebase.
- Implemented **Socket.IO** for real-time messaging, enhancing user interaction and reducing message delivery latency by 45%, resulting in a 20% increase in user engagement metrics.
- Integrated **Firebase** for robust backend services, including user management and secure data storage.
- Developed a responsive and user-friendly interface with **React** to enhance user experience.
- Designed a scalable and modular system with **Express.js** for efficient maintenance and future growth.

MEDICINAL PLANTS CLASSIFICATION   **Jan'24 - Mar'24**
Github | React. ExpressJS, NodeJS, Python, CNN
- Developed a **CNN** model for medicinal plants classification, demonstrating deep learning expertise.
- Built a responsive website using React, Node.js, and Express.js to showcase the classification.
- Leveraged OpenAI API to automate retrieval and presentation of medicinal use cases for classified flora, resulting in a 40% increase in user engagement and satisfaction in health tech applications
- Led the conceptualization, design, and implementation of the Medicinal Plants Classification project, showcasing teamwork and project management skills

Certifications

- Python certification course completion on Udemy and **NPTEL** with **Elite + Gold**.
- Web Development project completion in The Complete 2023 Web Development Bootcamp.
- Certification in Java Programming and SoftwareTesting from **NPTEL** with **Elite + Silver** and **Elite**.
- Proficient in **Time Management** techniques through Infosys Springboard course.