Keshav Kumar

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EDUCATION

•Bachelor of Engineering in Electronics and communication   *2021-25*

Rajalakshmi institute of technology , chennai   CGPA: 7.3

PERSONAL PROJECTS

•Socials

A social media web app for different people to connect and interact .

- Facilitating users' logins to websites without having to remember their credentials
- Improved User Experience by Implementing dark mode, a debouncing search bar, and infinite scrolling.
- Technology Used: Node.js, Reactjs, Redux,MongoDb.

• blogger

A react-based web application that allows users to read and write blogs.

- Used jwt and google Authentication to facilitate authentication
- Used MySQL for database management
- Technology Used: Reactjs, MySQL, Node.js.

•price Tracker

A web application built with Next.js for monitoring and tracking prices on Amazon.

- Incorporated cron jobs for scheduled tasks.
- Implemented real-time updates for dynamic pricing information.
- Technology Used: TypeScript, Next.js, Tailwind css, MongoDb.

EXPERIENCE

•Automatic Electric Sprayer System at TAFE (Tractors and Farm Equipment Limited)

Intern   Sep 2022 - Jan 2023
- Engaged in the development of an Automatic Electric Sprayer System, enhancing agricultural efficiency through Matlab and Simulink simulations.
- Gained hands-on experience in EV design, integration, and testing.
- Acquired expertise in project management, collaborating with cross-functional teams.
- Developed a deep understanding of industrial automation, electrical systems, and agricultural machinery.
- Enhanced problem-solving skills by addressing real-world challenges in the agriculture domain.

•Computer Vision Research Intern at Rajalakshmi Institute of Technology

Intern   Mar 2023 - Jul 2023
- Contributed to cutting-edge Computer Vision research projects, exploring innovative solutions.
- Developed and implemented algorithms for image analysis and object recognition.
- Engaged in collaborative research discussions, refining analytical and critical thinking skills.
- Utilized programming languages such as Python and frameworks like OpenCV.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java,Python, Javascript, Matlab,Simulink
Libraries : C++ STL, Python Libraries, ReactJs
Web Dev Tools: Nodejs, VScode, Git, Github
Frameworks: ReactJs ,flask,Django
Cloud/Databases:MongoDb, Firebase, Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Web Design and Development, Cloud Security.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

LICENSES & CERTIFICATIONS

•Career Essentials in Software Development: Microsoft and LinkedIn

•Python and Flask Framework Complete Course for Beginners: Udemy

•Practical JavaScript & ES6 Concepts Mostly Used in Projects: Udemy