

KUMARESH V

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Github

Education

SSN College of Engineering, Chennai

Bachelor of Engineering in Computer Science and Engineering (CGPA of 8.3 /10)

2018 - 2022

Chennai, India

Technical Skills

Languages : Python, Javascript, Typescript, C/C++, Java
Operating System : Windows, Ubuntu
Frameworks : React.js, Redux, Node.js, Nest.js, React Native, Angular, Flask, Android development
Databases : PostgreSQL, MySQL, MongoDB
DevOps : Azure, Docker, Kubernetes, Linux
Others : HTML, CSS, SASS, Cypress, PyQt5, Tkinter, JIRA

Work Experience

Maximl Labs

Jul 2022 – Present

Software Development Engineer

Bengaluru, India

- Worked on the React Frontend and increased the performance by 35% by optimizing and clearing memory leaks in Frontend code.
- Improved overall efficiency by implementing robust features in Maximl Scheduler, leading to a significant 70% decrease in plan creation time.
- Implemented an advanced Integrator engine to automate syncing, resulting in an 80% reduction in time.
- Led the frontend development process from scratch for 1 year and continuing, actively involved in all architecture-related decisions and activities.
- Implemented Chart.js to enhance project analytics, resulting in a notable 45% increase in data visualization and clarity.

Maximl Labs

Jan 2022 – Jun 2022

Software Developer Intern

Bengaluru, India

- Planned and executed an application for a No-Code building platform, enabling users to create Forms and capture responses.
- Delivered the application with a convenient drag-and-drop feature, resulting in a speed increase of more than 30% in form creation.
- Reduced manual testing efforts by more than 80% through the implementation of automated testing using Jest and Cypress.
- Developed rich text editors and a formula builder using Blockly, streamlining the formula creation process by at least 20%.

Buoyant Project Solutions

Jun 2021 – Dec 2021

Full Stack Developer Intern

Chennai, India

- Developed a real-time employee location tracking system using Android development with JAVA and NodeJS backend.
- Redesigned and integrated employee management within the same application, resulting in an efficiency increase of more than 20%.
- Enhanced user experience and increased productivity by at least 30% through the development of responsive user interfaces.
- Deploy and maintain applications, implementing recommended security measures to ensure the Integrity and confidentiality of data.

Projects

Emotion detector Chat Bot using BERT (Python, Flask, React.js, Supabase)

Sep 2021 – Mar 2022

- Utilized the BERT model to successfully develop an emotion detector chat bot, Integrated React.js Employed optimization in backend to achieve an impressive latency of just 3ms, ensuring seamless and efficient interactions.

Track Expiry Dates Using OCR (Python, NodeJS, React Native, MongoDB)

Apr 2021 – Jul 2021

- Built a document management with a secure mobile app for storing and managing personal documents, featuring reminder notifications, business analysis, and OCR using Google ML Kit. Received an outstanding rating of 9.5/10 for the project.

Achievements

- Finalist among top 20 in Hack & Tackle 3.0 hackathon 2021.
- Achieved notable rankings in coding competitions:
 - Secured 8th place in the E-Contest coding competition conducted by IIT Shastra.
 - Attained 3rd place in a coding competition organized by the SSN coding club.