

RAHUL KOTLA

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Education

IIITDM Kancheepuram

Bachelor of Technology in Computer Science and Engineering

Sep 2020 - May 2024

Chennai, TamilNadu

Experience

Software Engineer

July 2024 - Present

Quantrium Tech Private Ltd

Remote

- Developed a scalable, bank-wise multi-document processing UI using Vue.js. Integrated FastAPI backend services for file structuring, decryption, Kafka-based processing, and seamless report delivery..
- Built the UI for a Digital Address Verification Platform using Vue.js, enabling candidates to submit address proofs, selfies, and e-signatures. Integrated features like location capture and Google Maps API for address verification. Designed a QC dashboard for reviewing submissions and generating reports.
- Developed a content promotion platform with OAuth-based social media integration, allowing users to upload and schedule posts across linked accounts. Built features for group and promoter management, content library, post scheduling, and user insights dashboard using Chart.js

Software Engineering Intern

May 2023 - June 2024

Quantrium Tech Private Ltd

Remote

- Built the UI from scratch for a document processing application with a modular design, featuring separate Financial services with animated transitions and fast UI performance using Vue.js
- Improved performance and upgraded the processing structure for the Bank Statement service using FastAPI. Also, developed an insight dashboard to visualize client usage data from the database and generated reports in Excel using Python scripts.

Projects

Find A Coach | *HTML,CSS,JavaScript,Vuex,Vue-router,Firebase Auth and Realtime database*

Jan 2023 - Feb 2023

- Description : Users can register as a coach and teach the Course they Want. Clients can also Learn the Course taught by some other Coaches through the Subscription.
- Used Firebase for the Backend Data Storage and Authentication,Vuex for Local storage and Manipulation,Vue-router from the Route configuration.

Image Editor Using Image Processing | *Vue.js,Flask,CV2,Numpy,PIL,scipy*

April 2023

- Any Image can be Edited Using more 10+ Filters Like B/W,Gaussian,Erosion,Opening,Equalize,Sharpen and many more.
- Flask is used to make the Backend,where Image processing is done and Vue.js is Used to Design the suitable UI for Displaying the Edited Image.

Typing Speed Test, Language Translator | *HTML,CSS,Vanilla JavaScript,Speech Synthesis*

March 2022

- One Language Text Can be translated to other Language and Can be Listened through Speech Synthesis.
- User can test the Typing Speed Through WPM,CPM and Errors With Time Limit of 60s.

Technical Skills

Languages: Python, C++, JavaScript, HTML/CSS

Frameworks: FastAPI, Flask, Vue.js, Vuex/Pinia, Bootstrap, Chart.js

CI/CD and DevOps: Bitbucket Pipelines, Docker, GCP, Kafka, Nginx

Build Tools: Vite, Webpack

Developer Tools: Vite/Webpack, ESLint/Prettier, Git, VS Code, Sublime Text, GitHub ,Pycharm, SonarQube

Databases: MySQL, MongoDB