

SAI AKSHAY

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EDUCATION

Keshav Memorial Institute of Technology(pursuing)

B.Tech in Computer Science Engineering, CGPA: 8.7

Hyderabad, TS

May 2021 - June 2025

SKILLS

PROGRAMMING LANGUAGES: Java, JavaScript, Python, SQL

WEB DEVELOPMENT: HTML5, CSS, React.js, Node.js, Express.js

CLOUD DATABASES: Firebase, MongoDB, Cloudinary, MySQL

DESIGN FRAMEWORKS: Tailwind CSS, Bootstrap, Mantine UI, Shad CN

DEVELOPER TOOLS AND TECHNOLOGIES: VS Code, Git, GitHub, Git, Postman, StackBlitz

EXPERIENCE

Front-end Developer Intern / HTML, CSS, React.js

Oct 2023 – Dec 2023

HextGen Software Development

- Migrated essential operational functions from complex hospital coding structures to more efficient clinic Systems.
- Illustrated and converted 2+ UI layouts into functional code, streamlining the front-end architecture design.
- Handled more than 6+ UI component API Error coming from the backend code using react functional concepts.
- Developed 2+ download functionalities for patient, admin users in the hospital setting and achieved 8% less process time.
- Developed front-end pages, collaborating with 2+ developers and UI/UX designers.

PROJECTS

CareerMate / React.js, Bootstrap, MongoDB Atlas, Cloudinary, Node.js / [Code](#)

[Live](#)

- Developed a **Job finding platform** with React.js 15, Node.js 19 and MongoDB Atlas enabling job seekers to find jobs, recruiters to find candidates, manage their profiles.
- Designed job finding features for job seekers, including **seamless searching based on 3+ options country, salary range, company wise with responsive dashboard**.
- The above integration caused noticeable SEO performance of more than 85% efficiency. [check here](#)
- Integrated Cloudinary storage app for 25+ **file handling, uploading for Resume of JPEG, JPG, PNG** file types.

Emotion Based Music Recommendation System / Python, StreamLit, MediaPipe, TensorFlow / [Code](#)

- Engineered a **Python web application with MediaPipe, TensorFlow and OpenCV libraries** by achieving the average accuracy of 82% under 50 epochs.
- Developed an **personalized music recommendation system for users**, supporting interactions for up to 5 users at a time.
- Integrated with YouTube API for recommending **Emotion based music** and secured 10+ users attention.

Annonny-Talk? / Next.js, OpenAI, MongoDB Atlas, NextAuth / [Code](#)

- Designed a **Next.js** web app for **real-time anonymous messaging via texts and emojis** with over 10+ **registered users**.
- Implemented features for **user registration, login, real-time message updates, and express reactions to the messages** for 10+ users.
- Integrated with **OpenAI** to generate **personalized message recommendations** for over 15+ users.
- Delivered a secured application using **JWT Authentication, Encryption** using **Hashing Algorithm** for every entity of message for over 10+ active users.

ACHIEVEMENTS

- ✓ **Solved Over 320+ Coding Problems on Leetcode, HackerRank Platforms.**
- ✓ **Achieved 4 Star Golden Badge on hackerrank platform in Java Programming.**
- ✓ **Earned 4 Star Silver Badge on hackerrank platform in SQL programming.**