

Shavva Satya Keerthi Reddy

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TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, ReactJS, NextJS, TypeScript

Backend: NodeJS, ExpressJS, MongoDB

Languages: Python, Java, SQL, Data Structures and Algorithms

EXPERIENCE

Software Developer Intern

Oct 2024 – Mar 2025

Kodnest

Bangalore, Karnataka, India

- Collaborated on full-stack development projects, contributing to the design, coding, testing, and deployment of web applications using technologies like JavaScript, React, Node.js, and SQL.
- Worked in agile teams to deliver features on time, enhancing user experience and improving application performance through code optimization and debugging.
- Gained hands-on experience with version control (Git), API integration, and software development best practices, improving technical skills and teamwork in a fast-paced environment.

PROJECTS

Automated Video Captioning Application | *Next.js, React, WebAssembly, FFmpeg, CSS* May 2024 – Sep 2024

- * Developed a full-stack web application ("Epic Captions") using Next.js and React, enabling users to automatically generate and apply captions to videos directly within the browser.
- * Implemented client-side video processing using WebAssembly and FFmpeg, significantly improving performance by offloading resource-intensive tasks from the server.
- * Designed and styled a responsive user interface with CSS, ensuring a user-friendly experience across various devices.
- * Integrated an external transcription service into the backend API, automating the process of converting video audio to text for caption generation.
- * Optimized application performance through efficient handling of asynchronous operations and strategic use of client-side processing, resulting in a streamlined and responsive user experience.

AI Video Generator | *React.js, CSS, Node.js, Express.js, GPT Script, MongoDB*

Jan 2024 – July 2024

- * Developed an AI-powered video generation tool that converts URLs into engaging video content, automating content creation.
- * Engineered a responsive front-end interface using React.js and CSS, ensuring cross-browser compatibility and an intuitive user experience.
- * Built a back-end API with Node.js and Express.js to handle URL processing and orchestrate the AI video creation workflow.
- * Integrated OpenAI's GPT model for content summarization and visual asset generation, optimizing prompts to ensure relevant and high-quality outputs.
- * Utilized FFmpeg library to combine images, audio, and text into final video files, streamlining the video creation process.

ACHIEVEMENTS AND PARTICIPATIONS

- Placed as runners-up in the college football competition, demonstrating strong teamwork and athletic skills.
- Secured a JEE Mains percentile of 93.351, with a rank of 71,626, and secured a rank of 8,319 in AP EAMCET (2020).
- Accomplished the successful resolution of 200 coding problems across diverse platforms, with a 5-star rating in Python programming on HackerRank.

EDUCATION

Sagi Ramakrishna Raju (SRKR) Engineering College

Bachelor of Technology in Information Technology(CGPA:8.29)

Vijaywada, Andhra Pradesh, India

Oct. 2020 – May 2024

Sister Stanislas Memorial English School

Central Board of Secondary Education(CBSE Marks:445/500)

Kurnool, Andhra Pradesh, India

Aug. 2014 – May 2018