

# Shavva Satya Keerthi Reddy

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## TECHNICAL SKILLS

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

**Backend:** NodeJS, ExpressJS, MongoDB

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

## EXPERIENCE

### Software Developer

*Kodnest*

July 2024 – Oct 2025

*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

### Image Analysis Application | *Next.js, TypeScript, Google AI Studio API, CSS*

May 2024 – Sep 2024

- Developed a full-stack image analysis application using Next.js, enabling users to upload images and receive AI-generated descriptions via Google AI Studio's multimodal API.
- Created a robust image upload interface with validation for JPEG, PNG, and WebP formats, including file size limits and real-time feedback for improved UX.
- Integrated Google AI Studio API to process uploaded images and return intelligent, context-aware descriptions; implemented error handling for API limits and failures.
- Engineered a responsive UI to display uploaded images alongside AI-generated captions with appropriate loading indicators and seamless state transitions.
- Documented the full development process, storage handling, and key technical decisions, to support maintainability and scalability

### AI Flashcard Generator | *React.js, CSS, Express.js, Google AI Studio*

Jan 2025 – May 2025

- Developed a full-stack AI-based flashcard generator leveraging Google AI Studio (Gemini API) to generate Q&A pairs from user-defined topics.
- Created responsive and interactive UI using React.js and CSS for seamless user experience across devices.
- Built a Express.js backend to handle API communication securely and efficiently between the frontend and Google AI services.
- Implemented local storage caching to avoid redundant API calls for previously generated topics, improving performance and user speed.
- Structured the application with reusable components and modular code for easy scalability and maintainability.

## 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)*

Vijayawada, 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*