

Sivvala Chandu

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SKILLS

Languages: Java, Python, JavaScript
Backend Development: Spring Boot, AI integration, RESTful API Design, Hibernate
Frontend Development: ReactJS, Redux, HTML, CSS, TailwindCSS
Databases: MySQL, MongoDB
Version Control: Git & GitHub
Environments: Linux, Windows

PROJECTS

FileSync

- Implemented secure authentication using access and refresh tokens with HTTP-only cookies, ensuring enhanced security for user sessions in a real-time data synchronization system built with Spring Boot.
- Developed a scalable backend architecture for data synchronization, enabling seamless cross-device access and updates for text, images, videos, and files.

Live: [filesync](#)

Backend code: [FileSync_Backend](#)

Frontend code: [FileSync_Frontend](#)

AIStudio

- Built an AI-powered wellness platform (React/Spring Boot) integrating Gemini AI to deliver personalized recipes, workout plans, and an interactive chat assistant.
- Implemented multi-level rate limiting and token tracking for the Gemini AI API to prevent quota exhaustion and ensure consistent service availability.

Live: [AiStudio](#)

Backend code: [AiStudio_Backend](#)

Frontend code: [AiStudio_Frontend](#)

Multithreaded Search Engine

- Implemented a multithreaded search engine to index and retrieve files efficiently, achieving high concurrency and optimized query response times.

GitHub: [Search_Engine_Code](#)

Achievements

- **DSA Certification:** Completed Data Structures and Algorithms training from **Smart Interviews**, validating problem-solving and high-level technical skills.
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EDUCATION

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| Bachelor of Technology | 2021-2025 |
| CMR Technical Campus, Hyderabad, Telangana | |
| Intermediate | 2019-2021 |
| Sri Chaitanya Junior College | |