Bala Sai Srikar Mandava

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EDUCATION

SRM University AP 2021-2025
Computer Science and Engineering ***CGPA: 8.84***
- *Relevant Coursework:* Data Structures,Algorithms,OOP's,Operating Systems,DBMS,Networking

PROJECTS

Interactive Memory Game App
React.js — CSS3 — Firebase (Auth + Firestore) — Git — GitHub — Vercel (GitHub) (Live Site)
- Developed an interactive memory card game using React.js and Firebase with a real-time leaderboard and user authentication.
- Implemented multiple difficulty levels, responsive UI, dark/light mode, and smooth card-flipping animations.
- Enhanced user engagement through real-time updates, optimized performance, and cross-device compatibility.

Feature-Rich Pokédex Web App
Next.js 14 — TypeScript — Tailwind CSS — Framer Motion — PokeAPI — Git — GitHub — Vercel (GitHub) (Live Site)
- Developed a full-featured Pokédex application using Next.js, TypeScript, and Tailwind CSS with a responsive, mobile-friendly UI.
- Integrated PokéAPI to enable Pokémon search, detailed stats view, team building, battle simulation, and achievement tracking.
- Optimized performance with pagination, lazy loading, and enhanced user experience via animations (Framer Motion) and UI polish.

File Conversion Web App
Python — Flask — HTML — CSS — JavaScript — Tesseract OCR — pdf2image — Pillow — Poppler — Git — GitHub (GitHub)
- Integrated key functionalities like JPG to PDF, PDF to Word, OCR with Tesseract, and LibreOffice-based format conversions.
- Utilized libraries such as Pillow, pdf2image, Poppler, and Ghostscript to enable efficient processing, rendering, and compression of files.

EXPERIENCE

Andhra Pradesh State Skill Development Corporation Jun 2023 - Aug 2023
Data Analyst Intern *Remote*
- Performed comprehensive data analysis to support business intelligence initiatives by executing data cleaning, visualization, and interpretation.
- Improved stakeholder understanding and cross-functional decision-making by delivering actionable insights through clear, data-driven reporting.

SKILLS

Languages: JavaScript, TypeScript, C++, Python, Java, SQL,Node.js,Bash, MongoDB, MySQL

Frameworks: React.js, Next.js, Redux

Tools: Git, GitHub, Metabase

CERTIFICATIONS & ACHIEVEMENTS

- Multi AI Agent Systems with crewAI, certified by CrewAI
- Secured a rank of 2500 in EAMCET and 95 percentile in JEE MAIN
- Awarded first place in the Adverse competition, organized by the university
- Contributed as a member of an environmental club
- Agile foundations, certified by Coursera