Dussa Pranay Saketh

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PROFILE SUMMARY

Aspiring AI Engineer, Data Engineer, and Full-Stack Developer with hands-on experience in building **production-ready web applications and data pipelines**. Skilled in **JavaScript, Python, and Java**, with expertise in **React, Next.js, Node.js, and Spring Boot**. Experienced in **ETL workflows, SQL/PostgreSQL, and data cleaning**, while also integrating **AI-powered solutions** into applications, optimizing system performance, and delivering **scalable, real-world products**.

EDUCATION

Kakatiya Institute of Technology and Science, *B.Tech in CSE(AIML)* 🔗 Nov 2022 – Present | Warangal
- Expected May 2026
- **CGPA: 9.17/10.0** | Coursework: DSA, DBMS, OS, CN, OOP

Sri chaitanya Jr. College, *Intermediate* Jun 2020 – May 2022 | Khammam
Percentage : 97.3

PROFESSIONAL EXPERIENCE

Coding Rajas Technologies Ltd., *Frontend Developer Intern* Jan 2024 – Feb 2024 | Remote
Developed a responsive web-based music player using HTML, CSS, and JavaScript, featuring a modern UI, real-time wave animations, dual player views, keyboard shortcuts, and auto-play functionality. Implemented debugging workflows and cross-browser reliability testing to ensure production-ready quality.

PROJECTS

StockPulse – Stock Data ETL & Dashboard, *(Data Engineering)* 🔗 Aug 2025 – Sep 2025
- Designed and built an **end-to-end ETL pipeline** for 63+ NSE/BSE companies across 10 sectors; processed, cleaned, and stored data in **PostgreSQL**, visualized trends with **Streamlit/Matplotlib**, and implemented technical analysis for actionable insights with **90%+ success rate**.
- **Tech:** Python (Pandas, NumPy), SQL/PostgreSQL, Streamlit, Matplotlib, yFinance API, SQLAlchemy, FastAPI

Worknix – Modern Job Portal, *(Startup based project)* 🔗 Aug 2025 – Sep 2025
- Built a **scalable job portal** with client-side search, dynamic filters, SEO-optimized listings, and PWA support. Managed **role data using PostgreSQL**, implemented real-time notifications via Supabase, and featured a dynamic roles carousel for improved user experience.
- **Tech:** React (Vite), TypeScript, Tailwind CSS, shadcn-ui, Supabase PostgreSQL.

Odyssey – Travel Journaling Application, *(Hackathon Winner)* 🔗 May 2025 – Jul 2025
- Built a **production-ready journaling system** with multimedia uploads, geolocation, and interactive maps. Optimized **backend APIs and database indexing** for high-concurrency access (2K–5K users), enabling **efficient data storage, retrieval, and processing**.
- **Tech Stack:** React.js, Springboot, MySQL, Geoapify, JWT, ShadCN ui, leaflet.js

ResumeGPT – Smart Resume Enhancer, *(BITS Hackathon)* 🔗 Mar 2025 – May 2025
- Built a platform generating **ATS-optimized resumes & cover letters in <10s**, improving candidate success rate by 20%. Leveraged **AI-driven keyword predictions and benchmarking** to provide personalized, data-informed recommendations.
- **Tech:** Next.js, Gemini API, Zustand, Tailwind, React PDF.

SKILLS

- **Core Programming & Data Skills:** Python (Pandas, NumPy), Java, JavaScript/TypeScript, SQL, REST APIs, Git/GitHub
- **Data Engineering & Automation:** ETL Pipelines, Data Cleaning, LLMs, Agentic AI, Prompt Engineering, Python Automation (Ollama, Cohere, Groq)
- **Full-Stack Development:** React, Next.js, Tailwind CSS, ShadCN, Node.js, Spring Boot
- **Databases & Cloud:** PostgreSQL, MySQL, MongoDB, Redis, Supabase, Firebase, Vercel, Netlify
- **Soft Skills:** Problem-Solving, Critical Thinking, Fast Execution, Independent & Team Collaboration

CERTIFICATES & ACHIEVEMENTS

- **STACKATHON 2025 – 1st Prize**: KITSW intra-college hackathon, demonstrating problem-solving skills
- **Google Cloud (2024)**: Generative AI Learning Path – LLMs and AI application knowledge
- **Coursera**: Python Crash Course (Google); Intro to HTML, CSS & JavaScript; Generative AI (IBM)
- **Greenthicks (2025)**: Team member – farm-to-table online vegetable sales startup
- **OnePlus Bug Report (2025)**: Submitted, currently under review