N SAI JAYANTH

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PROFILE

A Computer Science Engineering student at Amrita Vishwa Vidyapeetham with a strong foundation in Python, C++, Full Stack Web Development, and applying AI and ML techniques to solve complex, data-driven problems.Skilled in creative design and problem-solving, with a strong ability to deliver user-centric solutions. Experienced in collaborating effectively within team environments and contributing to innovative projects.

EDUCATION

Amrita Vishwa Vidyapeetham – Kerala
Bachelor of Technology in Computer Science   **November 2022 – Present**
GPA: 7.97/10.0

Sri Chaitanya Junior College – Andhra Pradesh
Board of Intermediate Education   **April 2020 – June 2022**
Percentage: 85.1%

Sri Chaitanya Techno School – Andhra Pradesh
Board of Secondary Education   **August 2019 – August 2020**
Percentage: 94.6%

PROJECTS

MedX – AI-Powered Medical Chatbot   **JULY 2025**
Developed an intelligent medical chatbot using Django REST API backend and React frontend with the MedAlpaca 7B language model. Fine-tuned MedAlpaca 7B using LoRA (8-bit) on 10k+ medical Q&A samples to deliver accurate, domain-specific healthcare responses. Implemented a real-time chat interface, JWT-based secure authentication, and a responsive medical-themed UI.

BlanX – Cross-Platform Social Media App (MERN Stack + React Native)   **JUNE 2025**
Developed a social media platform using the MERN stack for web and React Native for mobile. Implemented user authentication, post creation with images, real-time chat, follow system, and advanced search. Designed a responsive dark-themed UI with 15+ core features, ensuring scalability and smooth performance. Demonstrated full-stack development skills with seamless cross-platform integration and modern UI/UX.

AuctionPro – Real-Time Auction Website   **November 2024**
Built a real-time auction platform using React and Node.js with microservices in TypeScript, Next.js, MySQL, and Redis. Implemented real-time bidding via Socket.IO, Stripe payments, image uploads, and automated auction expiration. Configured Kubernetes services with Ingress NGINX for routing and service discovery, and used Docker for containerization.

COURSES & CERTIFICATES

Full-Stack Web Development   **January 2024 - March 2025**
Completed comprehensive training on web development, covering frontend and backend technologies in Udemy, taken by Kane Ezki, Kalob Taulien, Radek Wilk

Beginner: Introduction to Generative AI Learning Path   **June 2025 - August 2025**
Completed Google Cloud's Intro to Generative AI learning path. Built foundational skills in generative AI, LLMs, and responsible AI. Covered prompt design, model use, and ethical considerations.

SKILLS

Programming Languages : Python, C/C++, JavaScript
Web Development   : HTML, CSS, React, Node.js ,Django
Tools & Platforms   : Git, VS Code, Vercel

HOBBIES

Enjoying movies and anime, Reading books and comics,Playing cricket and volleyball.

LANGUAGE PROFICIENCY

English, Telugu (Read, Write, Speak, and Understand)
Hindi (Understand)