

Sai Prakash Varma Kokkilagadda

prakashvarma00045@gmail.com | +91-9010908346 | Ongole, India
Linkedin | Github

Professional Summary

Motivated and self-driven Information Technology student with a deep interest in full-stack development, Linux systems, cloud technologies, and user-centric design. Proficient in building robust, scalable applications using modern frameworks and libraries like React.js, Node.js, and Next.js. Comfortable working with Linux-based environments and experienced in deploying applications on cloud platforms. Passionate about designing clean, intuitive interfaces and solving real-world problems through efficient code and intelligent automation. Always eager to learn new tools and contribute to building secure, high-performance technology solutions.

Education

RVR & JC College of Engineering, Guntur

B.Tech in Information Technology

Nov 2022 – Present

CGPA: 9.5

Sri chaitanya college, Vijayawada

12th (MPC)

Jul 2020 – Apr 2022

Percentage: 95.5%

Dr. KKR Gowtham School, Gudavalli, Vijayawada

10th (State Board)

Jun 2019 – Mar 2020

Percentage: 95%

Experience

Web Developer Intern

May 2024 – June 2024

Prodigy Infotech (Remote)

- Developed responsive and interactive web pages using HTML, CSS, and JavaScript.
- Gained hands-on experience with frontend development, UI design, and web standards.
- Collaborated on projects that followed industry practices and timelines.

Cyber Security Intern

May 2024 – July 2024

SkillDzire (Remote)

- Learned ethical hacking, threat detection, and vulnerability assessment.
- Practiced real-world cyber attack and defense scenarios.

Projects

Shades – Full-Stack E-commerce Website

Dec 2023 – Apr 2024

Technologies: React.js, Node.js, MongoDB, Express.js,

- Built a modern e-commerce platform with user authentication, cart management and darkmode
- Developed secure APIs, integrated MongoDB for data persistence, and implemented JWT-based login with refresh tokens.
- Integrated an **Outfits Section** allowing users to explore curated fashion collections based on various filters such as **Occasion**, **Personality**, and **Body Shape**.

Document-Based Q&A System Using Langchain, Streamlit, and Mistral AI

Technologies: Langchain, Streamlit, Mistral AI, FAISS, Hugging Face, Python

- Developed a Python-based Q&A system that processes PDF documents to answer user queries in real-time.
- Utilized Langchain for efficient document processing and question-answering pipelines.
- Integrated Mistral AI for generating context-aware responses based on document content.
- Implemented FAISS for fast and accurate similarity search across document embeddings.
- Built an interactive web interface using Streamlit

Surveillance Car with ESP32-CAM Module

Jan 2025 – Mar 2025

Technologies/Tools: ESP32-CAM, Wi-Fi, Motor Drivers, Arudino Uno

- Developed a wireless surveillance car equipped with an ESP32-CAM module for real-time video streaming and remote control.
- Integrated IoT capabilities for live video feed access and camera control via a web interface or mobile app.

Skills

- **Programming Languages:** JavaScript, TypeScript, Java, Python, Go
- **Frontend Development:** React.js, Angular, HTML, CSS, Tailwind CSS
- **Backend Development:** Node.js (Express), Spring Boot, GO
- **Database Management:** MongoDB, PostgreSQL, MySQL
- **Tools & Technologies:** Git, Docker, Redis, JWT, REST APIs, Drizzle ORM
- **DevOps:** AWS, Vercel, Netlify
- **Other Interests:** AI/ML, Blockchain, UI/UX designing

Certifications & Participation

- **Certificate Of Achievement** – Artificial Intelligence– Accenture by Future Learn
- **Software Testing** – NPTEL (Govt. of India)
- **Entrepreneurship** – NPTEL (Govt. of India)
- **Cloud Computing** – NPTEL (Govt. of India)
- **AWS Educate Introduction to Cloud 101** - AWS

Extracurricular Activities

- Student Coordinator for IDCC intra department cooding contest (Mar 2025)
- Student Coordinator for Mockup Event, CIS'SOIREE, RVR & JC College (Dec 2024)
- Student Coordinator Gnome, RVR & JC College (Mar 2025)
- Volunteer for Astra, organized by IEEE (Nov 2023)
- Member– IEEE Club, RVR & JC College
- Member– IEEE Computer Society