

EDUCATION

- **Sri Venkateswara University College of Engineering** Tirupati, India
Bachelor of Engineering in Electronics and Communication: CGPA: 7.2
- **Courses:**
 - **Python Programming:** Gained a solid understanding of Python programming, including data structures, algorithms, and libraries.
 - **Neural Networks and Fuzzy Logic:** Studied neural networks and fuzzy logic principles, including various architectures like MLP, CNN, and RNN.
 - **Machine Learning:** Covered machine learning algorithms, including supervised and unsupervised learning techniques.
- **NPTEL**
Certification in 'Introduction to Machine Learning'

TECHNICAL EXPERIENCE

- **AIOverflow — AI Backend Engineer** India — Remote
Intern *Aug 2024 - Present*
 - **Backend Development for Local Gym:** Designed and implemented a scalable backend server using FastAPI for a local gym, enabling seamless management of user data, membership plans, and workout schedules.
 - **Cross-Platform Mobile App Development:** Developed a functional Flutter app "Level Up" for the gym, providing users with features like workout tracking, class booking, and progress monitoring.
 - **Scalable Backend for Medical App:** Built a robust and scalable backend server using FastAPI for a medical application, ensuring secure handling of patient data and appointment scheduling.
 - **Frontend Development with React:** Created a responsive and visually appealing landing page for the gym using React, enhancing user engagement and providing essential information about services.
 - **API Integration and Optimization:** Integrated third-party APIs and optimized backend performance to ensure smooth functionality and scalability for high user traffic.

PROJECTS

- **MediGenAi - Health App Backend :** Designed and developed a scalable backend for a health application and website using FastAPI, enabling secure and efficient handling of user data, medical records, and appointment scheduling. Ensured high performance and reliability to support a growing user base.
- **GeoFinTrack - Financial Data Visualization :** Built an interactive web application using Streamlit to access and visualize financial data of countries, including treasury levels, total assets, and other key metrics. Implemented role-based access control (admin, user, etc.) and integrated a map feature for visual data interaction, enhancing user experience and data comprehension.
- **Level Up - Gym Management System :** Developed a full-stack solution for a local gym, including a scalable backend server using FastAPI, a cross-platform mobile app using Flutter, and a responsive landing page using React. Streamlined gym operations by enabling membership management, workout tracking, and class booking.

TECHNICAL SKILLS

Languages: Python, Dart, JavaScript, SQL, NoSQL.

Frameworks/Tools: FastAPI, Flutter, MongoDB, PostgreSQL, OCR, YOLO, Render, Streamlit, React.

Other Skills: Backend Development, REST APIs, Cross-Platform App Development, Data Visualization, Role-Based Access Control, Scalable System Design.