YUVA SATYA KEERTHI CHODISETTI

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Education

Aditya College of Engineering and Technology   **Expected Grad 2026**

Bachelor of Technology in Computer Science   *Surampalem, Andhra Pradesh*

Technical Skills

Languages: C, C++, Python, Java, HTML5,CSS3, JavaScript, SQL
Skills: Data Structures & Algorithms, **Full Stack Development**, Networking, DBMS, Operating Systems
Cloud Technologies: ServiceNow, Google Cloud Platform, **Amazon Web Services**
Technologies/Frameworks: React.js, Node.js, Express.js, Mongo DB, Machine Learning, React Native

Experience

Technical Hub   **June 2024 – August 2024**

Full Stack Developer Intern

- During my internship , I developed and optimized over **10+** different projects, each featuring content loading and interactive elements. My efforts resulted in a **99.50%** improvement in responsiveness and user experience across these projects.

Edunet Foundation   **May 2024 – June 2024**

AIML Intern

- Engineered a **facial recognition system** with **Python**, **OpenCV**, achieving **95%** accuracy and processing over **1,000** images per minute. Also completed a **sentiment analysis** project with over **90%** accuracy.
- Designed an **object detection model** , leveraging **image processing techniques** to **identify** and **localize objects** in images and video streams.

Live Projects

LATE COMERS : A Real-Time Student Activity Monitoring and Notification System **|** *React.js , MongoDB*   *View Here*

- The **"Latecomers" website** is a **live project** designed to manage and monitor **student activities in a college**. It **records and stores details** of students arriving late and **notifies parents with precise timestamps**. The platform also **tracks in-and-out timings for hostelers** to ensure **accountability**.

- **Real-Time Notifications** to parents about late arrivals, **Hosteler Time Tracking** for in-and-out logs, **Advanced Filters** for efficient data sorting, a **Scalable Database** with **MongoDB**, a **Modern Tech Stack** using **React.js** and **Express.js**, ensuring **high data accuracy** and reliability and **AWS** for deploying .

- **Downloadable Reports** allowing users to print student data for record-keeping .

- **Barcode Generation** for outpass requests, enhancing the efficiency of tracking student movements

BLOOD DONATION: LifeLine: Blood Donation Management System| *React.js , MongoDB*   *View Here*

- User Authentication: Secure **Login/Signup** with JWT, role-based access, and **Password Management.**
- Event Registration: Browse **Blood Donation** events, register effortlessly, and receive **Confirmations/Reminders.**
- Form Submission: Fill and submit **Validated Forms**, securely stored for **Event Organizers.**

Projects

Full-Stack AI Chat Application | React.js , MongoDB

- Developed a **full-stack conversational AI application** using **Google Gemini AI** for real-time chat interactions, showcasing expertise in full-stack development.
- **AI-Powered Conversations** with dynamic interactions, supported by a **Responsive Frontend** built with **React.js**.
- **Scalable Backend** using **Express.js** for efficient API management and **MongoDB Integration** for user data and chat history.

Face Recognition-Based Smart Attendance System | Python, Machine Learning
- Developed an innovative **Face Recognition-Based Smart Attendance System** using the **K-Nearest Neighbors (KNN)**
- algorithm, achieving **95%** accuracy in real-time face identification and managing attendance data efficiently with CSV file storage.
- Created a user-friendly interface with **Streamlit**, enabling **real-time attendance monitoring** and streamlined access to records for efficient classroom management and reporting.

Certifications

- **HTML and CSS, JS** Programming from IT Specialist Certiport and **AZURE AI Certification from MICROSOFT.**
- **CCNA, C, C++, Python, Java** Programming certifications from **Cisco Networking Academy**.

Achievements

- **Selected** to join the elite **Google Girl Hackathon 2k24**, participating in a high-impact kickoff call with industry influence on future innovations.
- Achieved exceptional success in other college hackathons and shortlisted for second round in Flipkart grid 6.0.
- Achieved **Top 10 Performer** status in the **GFG Vultur Cloud Hackathon**

Coding Profiles

LeetCode- https://leetcode.com/u/midwayviber/

GeeksforGeeks- https://www.geeksforgeeks.org/user/yskeerthi/

HackerRank- https://www.hackerrank.com/profile/yskeerthi