Pulukuri Akhil

Full stack developer

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Summary

Full Stack Developer who builds scalable and user-friendly web applications. I work with technologies like HTML, CSS, JavaScript, React, Node.js, Express.js, and MongoDB to create responsive solutions that are secure and efficient. I enjoy solving problems, improving workflows, and contributing to projects that make a real impact in fast-moving environments.

Skills

Programming & Querying: Python, Java, C Programming
Frontend and Backend Technologies: HTML, CSS, JavaScript, React, Bootstrap, Node.js, Express.js
Databases: MongoDB, MySQL
Version Control & Deployment: Git, GitHub

Internship

Web Full Stack Developer Intern **April 2025 – June 2025**
EDUSkills (Remote) *Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB*

- **Developed and deployed responsive web modules** using HTML, CSS, and JavaScript, improving overall user experience.
- Built RESTful APIs with Node.js and Express.js to handle authentication, data submission, and retrieval securely.
- Integrated MongoDB for structured storage of user and application data, ensuring fast and reliable queries.
- Collaborated with a remote team of developers to debug issues, optimize code, and streamline deployment workflows.
- Applied industry best practices in version control (Git/GitHub) and testing to maintain clean, scalable code.

Projects

Lost and Found Management System | *HTML, CSS, JavaScript, Node.js, Express.js, MongoDB* **Aug 2025 – Sept 2025**

- Created a web application to help people easily report, search, and recover lost or found items.
- Built a simple and responsive interface with HTML, CSS, and JavaScript for smooth user experience.
- Developed backend with Node.js and Express.js to handle item submissions, searches, and user requests.
- Used MongoDB to securely store and manage lost and found item records.
- Added features like search filters and image upload to make item matching faster and more accurate.

Sign Language Detection System | *Python, OpenCV, TensorFlow/Keras* **May 2025 – Jun 2025**

- Developed a machine learning model to translate hand gestures into text, making communication easier for sign language users.
- Used Python with OpenCV for image processing and real-time gesture recognition.
- Trained a deep learning model with TensorFlow/Keras to classify different sign gestures accurately.
- Built a simple interface to display detected gestures as text for better accessibility.
- Aimed to bridge the communication gap between hearing-impaired individuals and non-sign language speakers.

Education

Bachelor of Technology(CS-AIML) **Graduated: 2026**
QIS College of engineering and Technology *CGPA: 7.89 / 10*

Board of Intermediate(MPC) **2020-2022**
Sri Sadhana Junior College *Marks: 74.5*

Board of Secondary Education(class X) **2019-2020**
Z.P.H School, Tarlupadu *Marks: 98.0*