SHAIK ALTHAF AHMED

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OBJECTIVE

Aspiring Full-Stack Developer with hands-on experience in React.js and Node.js, passionate about building responsive, user-focused web applications. Eager to contribute to meaningful, real-world solutions through clean code, creativity, and continuous learning.

EDUCATION

BAPATLA ENGINEERING COLLEGE

B. Tech in Artificial Intelligence and Machine Learning - **83%**
Aug 2023 - Jul 2026(present)
Cum. GPA: 8.65

BAPATLA POLYTECHNIC COLLEGE

Diploma in Electronics and Communication Engineering - **75%**
Sep 2020 – Jun 2023

LITTLE ANGELS HIGH SCHOOL

Secondary School Certificate (SSC – 10TH Class) **– 86%**
Apr 2019 – Mar 2020

SKILLS

PROGRAMMING
Python, Java, C, JavaScript

Web Technologies
HTML, CSS, Node.js, React.js, MongoDB

Tools
Git, GitHub, VS Code, Google Colab, Jupyter Notebook

CERTIFICATIONS

AI For Everyone – Andrew Ng, DeepLearning.AI

Artificial Intelligence – IBM, Accenture, Cisco

EXPERIENCE

DEEPLEARNING.AI | Alpha Tester
Oct 2024 - Present

- Test early versions of GenAI tools and prompt platforms. Provide structured feedback to enhance usability and model response quality.

IIT BHU, EISYSTEMS |Machine Learning Intern
Jun 2025 – Present

- Built ML models using Python and scikit-learn.
- Completed a housing price prediction project with regression techniques.

MICROSOFT |AI Foundations Intern
Apr 2025

- Gained hands-on experience in Computer Vision and NLP.
- Built a real-time anime webcam filter using AnimeGANv2 and TorchHub.

VAULTOFCODES | Prompt Engineering Intern
Jun 2024

- Created and tested optimized prompts for LLMs. Improved accuracy of AI-generated outputs.

INTRAINZ | Artificial Intelligence Intern
Apr 2024

- Built simple ML models for classification tasks using real-world datasets and Python.
- Explored feature selection and evaluation metrics.

PROJECTS

One-Time Vault Generator
React, Firebase, Node.js

- Created a vault to share secret messages that self-destruct after first view.
- Implemented secure, one-time-use encrypted links using Firebase.

Screenshot UI Analyzer
React, Node.js

- Developed a tool to analyze and segment uploaded UI screenshots.
- Extracts layout regions to identify structure and responsiveness.

Mind Map Visualizer
React, vis-network.js

- Built an interactive mind mapping tool with draggable, connected nodes.
- Used vis-network to visualize concepts in a clean graph interface.

Plant Disease Detection Using Machine Learning
Python, CNN, GenAI, Claude AI

- Achieved **93% accuracy** in detecting plant leaf diseases using a CNN model.
- Used GenAI to generate synthetic training images.
- Integrated Claude AI to recommend fertilizers based on prediction.

HONORS & AWARDS

- Honor Student in Advanced Data Structures and Advanced DBMS
- Selected for IITH Hackathon Finalist
- Alpha Tester – DeepLearning.AI