Atiksh Khirbat

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EDUCATION

Vellore Institute of Technology — **Bhopal, Madhya Pradesh**
Btech in Computer Science Engineering in AI/ML — Oct 2025
CGPA: 7.0/10

Army Public School — **Pune, Maharashtra**
12th Standard, Central Board of Secondary Education — Jun 2021
Percentage: 91.8%

Air Force Bal Bharti School — **New Delhi, Delhi**
10th Standard, Central Board of Secondary Education — May 2019
Percentage: 86%

EXPERIENCE

ARM Worldwide — **Jul 2024 - Sep 2024**
Tech Intern

- Deployed voice recognition on a web application using Flask.
- Worked on an AI text generation application using Google Cloud.

Qclairvoyance Quantum Labs Pvt. Ltd. — **Sep 2024 - Dec 2024**
Engineering Intern

- Read 25+ research papers on drug discovery and the use of Artificial Intelligence.
- Worked on curating a Database for Natural Products with over 1,00,000 entries.
- Created and deployed a webpage using CSS and HTML

Edustoke — **Jul 2025 - Ongoing**
Engineering Intern

- Developed a full-stack web application using React, Next.js, Node.js, and MongoDB
- Built responsive front-end components with React and Next.js, ensuring optimal performance and user experience across multiple devices
- Integrated RESTful APIs using Node.js to enable seamless data communication between front-end and back-end systems

PROJECTS

Breast Cancer Detection
Breast Cancer Detection using various ML models.

- Gathering of CT Scan data of the chest and/or the abdomen which was used to train various ML models like KNN, random forest, K-means clustering, decision tree to compare accuracy results and find out the appropriate model for detection of breast cancer.

Height Estimation
Canopy Height Estimation using LiDAR data

- LiDAR data was used to map the Earth for collecting data points.
- Programming has been executed to utilize the data above to estimate the canopy height of a certain region if no data of the canopy is provided based on longitude and latitude points.
- This project intends to analyse the impact on wildlife after deforestation by the use of detecting tree species based on their canopy height.

Skin Disease
End to End Web App for Skin Disease Detection

- Using a Dataset of various images consisting of skin diseases to train a Densenet121 model to predict and estimate a disease based on the image which was provided to the model.
- Integrate a webpage with the program, to make it easier and more intuitive to interact with the model. The program is made to help and assist Dermatologists with diagnosing skin diseases.

ZephyrVPN
Landing Page with React and Vite

- Built a front end landing page using React, Typescript, Tailwind and Vite.

ADDITIONAL

Technical Skills: Proficient in Python, PyTorch, TensorFlow, Flask, MySQL, OpenCV, React, Mongoose, MongoDB, next.js, node.js, express.js
Certifications: Iamneo High Performance Coding(DSA using Java), SmartInternz Artificial Intelligence and Machine Learning, Powered by Google Developers.
Languages: Fluent in English and Hindi.