MOHAMMED HUZAIFAH

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SUMMARY

Aspiring Machine Learning Engineer with expertise in designing, developing, and deploying scalable AI solutions. Skilled in deep learning, predictive analytics, and MLOps, with proficiency in TensorFlow, PyTorch, and Scikit-learn. Experienced in optimizing models for performance and deploying them on cloud platforms like AWS. Passionate about solving real-world problems through AI and continuous learning.

PROJECTS

Child Growth **Github Link**

- Designed and developed an AI-powered child health management platform with 95% prediction accuracy.
- Built a dynamic frontend using Streamlit for real-time data visualization with Matplotlib and Plotly.
- Implemented secure user authentication via AWS Cognito and scalable storage with AWS DynamoDB.
- Integrated fine-tuned Llama models for personalized health recommendations.

Disease Predictor **Github Link**

- SoulScan: Advanced Disease Diagnosis with ML & AI
- Developed an AI-powered disease prediction platform with 90%+ accuracy, diagnosing Heart Disease, Kidney Disease, Diabetes, Liver Disease, and Stroke.
- Built a dynamic web interface using Streamlit for real-time predictions based on user input or medical reports.
- Implemented machine learning models with Scikit-learn and TensorFlow.
- Utilized Pandas and NumPy for data processing; Matplotlib and Seaborn for data visualization.

EDUCATION

Oct 2022 - Aug 2026

Bachelor of Engineering In Computer Science
Specialization: Artificial Intelligence and Machine Learning
Lords Institute of Engineering and Technology
CGPA: 8.6/10 | Expected Graduation: August 2026

ADDITIONAL INFORMATION

- **Programming Languages: Python (Main), C, C++, Java, HTML, CSS, JavaScript**
- **Machine Learning Frameworks: TensorFlow, PyTorch, Scikit-learn, Keras, XGBoost**
- **Data Management: SQL, Pandas, NumPy, Apache Spark**
- **Cloud Technologies: AWS, Azure**
- **Data Visualization: Matplotlib, Seaborn, Plotly**
- **MLOps: Docker, Kubernetes, MLflow, DVC, Jenkins**