Ahsan Naveed

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SUMMARY

Passionate about shaping the future through AI and development , eager to innovate and contribute to cutting-edge advancements in technology.

WORK EXPERIENCE

Website Dev Intern (LowCodeSystems)   June 2023 - Oct 2023

Mastered MERN stack and explored OutSystems, passionate about innovation.

Graphics Director (Nobel10)   Nov 2023 - March 2024

Led UI/UX and graphic design at Nobel10, delivering impactful solutions.

PROJECTS

- **Uber Backend (2021)**: Developed a backend system for Uber using core OOP concepts.
- **Electricity Usage Meter (2021)**: Developed an IoT electricity meter app for monitoring usage.
- **Soghat (2022)**: Created a plant selling app using Vanilla HTML/CSS.
- **Game Dev (ASM) (2022)**: Implemented Space Invader and Bucket Catcher in Assembly language.
- **Mitosis Cell Detection (2024)**: Built a mitosis cell detection system using computer vision.
- **Stock Predictor using ML (2024)**: Built a machine learning-based stock predictor model.
- **Plant Selling App (2024)**: Created a plant selling app using Flutter.
- **Audio Diarization**: Implemented audio diarization system for speech analysis.
- **Facial Emotions Video Classification**: Developed a system to classify emotions in videos using facial recognition.
- **Email Spam Detection**: Built an email spam detection system using machine learning.
- **DLC Project**: Developed a deep learning-based system to track rats for experimental purposes.
- **Fraud Detection App**: Built a mobile app for real-time fraud detection.
- **Conformal Risk Control Model**: Developed a model for conformal risk control in financial applications.
- **Cat Breed Detection App (2024)**: Created an app for detecting cat breeds using YOLO and CNN models.
- **Human Pose Detection (2024)**: Developed a human pose detection system using YOLO and deep learning models.

EDUCATION

2021 - present	BSCS at **Fast University**
2019 - 2021	FSC at **Government College Lahore**
2016 - 2019	Matriculation at **Govt. Pilot Higher Secondary School**

Bootcamps and Courses

- **IoT Grandeur Bootcamp (2022)**: Learned IoT basics and Arduino.
- **Devsinc Bootcamp (2023)**: Covered MERN stack web development fundamentals.
- **AI Bootcamp Soliton (2023)**: Gained hands-on experience in ML and deep learning.
- **Stanford University - Machine Learning Specialization**: Mastered AI concepts and practical ML skills in a 3-course program by Andrew Ng.
- **DeepLearning.AI - Deep Learning Specialization**: Learned deep learning fundamentals and advanced techniques from Andrew Ng and team.

Skills

- **Programming Languages:** C++/C/C#, Javascript, Python, SQL, ASM
- **Machine Learning:** ML, Prompt Engineering
- **Web Development:** HTML/CSS, React, MERN, Flutter, Firebase
- **Models:** YOLOv3, CNN, VGG16, 3D CNN, U-Net, LSTM, Naive Bayes, Isolation Forest, Quantile Regression, BERT, RoBERTa, Kalman Filter, GMM, Graph Neural Networks

Society Work

- **Nawab Begum Trust ENGO (2023)**: Contributed to community development initiatives focused on [mention specific initiatives or projects].
- **Local educational ENGOs for women (2019 - 2024)**: Have been working with several educational engos near my village to make education more easy especially for woman