Ilhan Sarfraz

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About Me

Innovative and enthusiastic computer science student with a passion for critical thinking, problem solving and sharing a love for technology and science. Looking for a career role to utilize my energy for the betterment of the place and to learn whenever I get the opportunity.

Education

Institute of Space Technology, BS in Computer Science   2021 – 2025

- **Final Year Project:** Autospect - A mobile-based AI system for automated vehicle damage detection, segmentation, and repair cost estimation
- **Relevant Coursework:** Computer Architecture, Machine Learning, Deep Learning, Database Systems, Software Engineering
- **CGPA:** 3.20 (expected)

Experience

Amazon Services Provider, Growth Ratio Services [GRS]   March 2024 – Present

- Handle Amazon seller central along with order creation, inventory management, invoice matching and repricing products

Networking Specialist, NETPAQ (PVT) LTD   Aug 2023 – Oct 2023

- Configured and maintained network infrastructure for enterprise clients
- Troubleshoot network connectivity issues and optimized network performance
- Implemented security protocols and network monitoring solutions

Networking Intern, Comsats Internet Services   Sep 2022 – Oct 2022

- Gained hands-on experience in network configuration and maintenance
- Assisted in network troubleshooting and performance optimization
- Learned industry best practices for network security and management

Projects

I-FIX (Maintenance Mobile App)

- Developed an Android application to streamline classroom maintenance at university
- Streamlined maintenance issue reporting and resolution, enhancing communication among stakeholders
- Technologies Used: Kotlin, Firebase

RFSUER (Restaurant Feedback System Using Expression Recognition)

- Developed an innovative project using deep learning technique(CNN) and OpenCV for real-time image processing
- Designed to gather real-time customer feedback in restaurants through facial recognition and mood detection
- Technologies Used: Python, React, Flask, TensorFlow (CNN), OpenCV

Hospital Management System

- Created a comprehensive system to help receptionists maintain patient records and schedule appointments
- Provides suitable and available time slots for doctors based on specific diseases
- Technologies Used: Python

Showroom Management System

- Developed a system to help customers book new cars, rent cars, or sell cars efficiently

- Streamlined the entire process without requiring staff assistance
- Technologies Used: Python

Restaurant Management System
- Created a system allowing customers to search and order food by cuisine type
- Enables self-service ordering without employee assistance
- Technologies Used: Python

Memory Assistant Program
- Designed a personal assistant program for individuals with memory loss
- Provides reminders, scheduling, and memory aids for daily activities
- Technologies Used: Python, MySQL

Airline Flights and Schedule Management System
- Contributed to professional documentation for an airline flight and schedule management project
- Developed Software Requirements Specification (SRS), UML diagrams, and comprehensive test cases
- Focused on system analysis, design documentation, and quality assurance processes
- Skills Enhanced: Project Management

Skills

Programming Languages: Python, Kotlin, SQL

Technologies & Frameworks: Flask, TensorFlow, OpenCV, Firebase, WordPress

Machine Learning: CNN, Ultralytics YOLO, Deep Learning, Computer Vision

Other Skills: Project Management, Portfolio Management, Networking, Research, Problem Solving

Interests

Technical Interests: Backend Development, Machine Learning, Appllication Development, Computer Vision

Personal Interests: Learning new technologies, Research and Development, Innovation in Technology