JUNAID SALMAN

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PROFILE

Extremely motivated to constantly develop my skills and grow professionally. I have faith in my capacity to think up intriguing ideas and to rise to any obstacle.

EDUCATION

Bachelor of Computer Engineering, COMSATS University, Lahore	2020-2024
FSc Intermediate, Punjab College	2018-2020
Matriculation, Cathedral High School	2016-2018

SKILLS

Technical Skills	AI and Machine Learning, MERN Stack, React.js, RESTful API development and integration, IoT and Networking, SCRUM Methodology, Operating Systems, Database Management
Tools	Material-UI, Tailwind CSS, Socket.io, Django, SQL, Unity 3D, Multitude of Machine Learning Frameworks, Libraries and Algorithms
Programming Skills	C/C++, Python, HTML/CSS, JavaScript
Soft Skills	Attention to Detail, Teamwork and Collaboration, Conflict Resolution, Interpersonal Skills

EXPERIENCE

Development Internee Sep 2023 - Nov 2023
9exGen Solutions *Lahore*

- Developed AI Models for Demand and Sales Forecasting using ARIMA, XGBoost, and LSTM.
- Worked on Material-UI which is a React framework that offers a set of pre-built components which allows customization, theming, and maintains a strong focus on accessibility. It enables developers to easily create modern, responsive, and visually consistent user interfaces by leveraging React's component-based architecture and using Styled Components.

Game Programmer July 2023 - Aug 2023
Mindstorm Studios Summer Program *Lahore*

- I covered fundamental 3D game development skills, including creating and managing GameObjects, applying and manipulating Rigidbody and colliders, and utilizing components like AudioSource and Animator.
- Additionally, I gained hands-on experience with advanced 3D topics and modules such as terrain design, Cinemachine, raycasting, animation control, and visual scripting.

PROJECTS

ML based Network Intrusion Detection System This project develops a machine learning-based Intrusion Detection System (IDS) for Internet of Medical Things (IoMT) networks. The IDS monitors network traffic, detects anomalies, and mitigates cyber threats in real-time, ensuring the security and integrity of sensitive medical data.

Development of Heart Health Data Collection Node ad Disease Prediction using ML model This project creates a heart health monitoring system that collects data from wearable IoMT devices and uses a machine learning model to predict heart diseases. It provides continuous health monitoring and predictive insights to enhance patient care.

Development of Pi-Hole A general purpose networkwide ad-blocker, on a Raspberry Pi to block ads on any device connected to your home network.

Sales and Demand Forecasting Using Advanced Time Series Forecasting Models such as FB Prophet, XGBoost and ARIMA/SARIMA.

Real-Time Chat Application using Socket.io Developed a responsive chat application using HTML, CSS, JavaScript, Node.js, and Socket.io. Implemented real-time, bi-directional messaging with Socket.io, ensuring instant communication between clients and server. The application features user authentication, message persistence, and essential security measures.