

Nouman Saeed

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SUMMARY

Results-driven professional with a recent MSc in Data Science and over 4 years of experience as a Software Engineer, seeking an entry-level role in Machine Learning, AI, or Software Development. Completed a dissertation on environmental sound classification using audio features such as MFCCs and neural network-based models, demonstrating strong skills in audio processing, classification tasks, and model evaluation. Proficient in Python, PyTorch, Scikit-learn, Pandas, and NumPy. Also experienced in building and deploying full-stack web and mobile applications using React Native, Next.js, Node.js, and Firebase. Combines a solid background in software development with applied machine learning knowledge to create practical, data-driven solutions.

EXPERIENCE

Enxsys, Software Engineer

Jan 2023 - Jan 2024

Designed and developed a cross-platform Sport Booking Venue mobile application using React Native, compatible with both iOS and Android. Built a full-featured booking and scheduling system allowing users to view availability, make reservations, manage bookings, and receive real-time updates. Integrated a real-time chat system similar to WhatsApp using Firebase Firestore. Developed a social connection feature with "People You May Know" functionality based on mutual friends, with full backend and frontend implementation. Integrated Stripe for handling secure subscription payments across both the frontend and backend. Implemented Algolia search with Firebase to enable fast, scalable search functionality for venues and users. Led the frontend development of the HR Forum web application using Next.js, ensuring a responsive and accessible UI. Collaborated directly with product owners and stakeholders to define features, prioritize development, and align deliverables with business goals..

Walqalum, Software Engineer

Feb 2021 - Jan 2023

Proficient in React Native for building seamless cross-platform mobile applications, with experience in implementing features such as localization using i18n, deep linking, real-time tracking with Google Maps, and social media logins (Google, Facebook). Skilled in state management using Redux and Redux Toolkit. Developed and deployed a barcode scanning Android app using React Native, utilized on dedicated barcode scanner devices for warehouse operations and package tracking in a logistics company. Built a real-time location tracking app on Google Maps. Experienced in deploying mobile applications to both the Google Play Store and Apple App Store. Skilled in Express.js and Node.js for creating scalable, secure server-side applications and RESTful APIs. Proficient in MongoDB and Firebase for efficient data storage, real-time updates, and authentication. Experienced in building high-performance web applications using Next.js with server-side rendering (SSR) for improved SEO and performance.

EDUCATION

London South Bank University, Master of Science in Data Science

Jan 2024 - May 2025

Expertise in data preprocessing (cleaning, transformation, normalization) to ensure high-quality datasets. Proficient in model evaluation (cross-validation, precision-recall, performance metrics) for accurate insights. Skilled in data mining algorithms (clustering, classification, association rules) to identify patterns in complex datasets. Experienced with Python (pandas, NumPy, scikit-learn, TensorFlow) and SQL for data analysis. Proficient in Power BI, Tableau, and Excel for data visualization and interactive reporting.

COMSATS University, Bachelor of Science in Software Engineering

Feb 2017 - Jan 2021

Led a group in developing an e-commerce website using React, Node, MongoDB, and Express JS. Completed Final Year Project demonstrating proficiency in full-stack web development, mobile app development, and database-driven application design. Strong problem-solving, analytical, and teamwork skills developed through different projects and assignments.

LICENSES & CERTIFICATIONS

Python AI and Machine Learning Bootcamp

London South Bank University • Issued Apr 2025

SKILLS

SQL • JavaScript • Python • Typescript • AWS • Machine Learning • Scikit-learn • Tenserflow • React Native • Node js • Next js
MongoDB • Artificial Intelligence • Matplotlib • Seaborn • Excel • PowerBI • Tableau • Firebase • Git • BitBucket • Github