



Muhammad Sohaib Maqsood

Frontend Developer | Data Science & Machine Learning Enthusiast

Mathematics graduate with knowledge of frontend development, full-stack web applications, data science, and machine learning. Familiar with React.js, Django, and Python, with an interest in predictive modeling, AI-based solutions, and real-world problem solving.

✉ sohaibmaqsoodsohaibmaqsood@gmail.com

☎ +92 3191057875

📍 Near Iqbal hotel, Talagang road, Mianwali

📁 sohaib432002.github.io/PortfolioWebsite

🌐 muhammad-sohaib-maqsood-72b785244

🔄 Sohaib432002

EDUCATION

BS Mathematics

Namal University, Mianwali
2022 - Present (Expected 2026)

Relevant Coursework

- Machine Learning
- Data Visualization
- Probability & Statistics (I & II)
- Linear Algebra
- Numerical Methods
- Optimization (Linear Programming)

PROJECTS

Final Year Project: Human Papillomavirus (HPV) & Cervical Cancer Transmission Modeling.

Tech: MATLAB, Python, ResNet50, React.js

Key Contributions

- HPV model using differential equations, MATLAB methods, and a ResNet50 web app for β and R_0 .

Clinical Data Dashboard

Tech: React.js, Data Visualization

Key Contributions

- Built a dashboard for visualizing patient data and clinical trends, enabling easy pattern exploration.

Web Scraping & Data Analysis

Tech: Python, BeautifulSoup, Pandas

Key Contributions

- Extracted and cleaned web data, performed EDA for insights, and automated data collection.

ML Model Integration with Web Application

Tech: Django, Python, React.js

Key Contributions

- Integrated an ML model into a web app for real-time predictions, demonstrating end-to-end deployment.

EXPERIENCE

StayEasy

Frontend Developer Intern
Jan 2025 - Apr 2025

SKILLS

Frontend Development (React.js, Javascript, Tailwind CSS)

Backend Development (Django, Python)

Data Science & Machine Learning (Pandas, NumPy, Scikit-learn, SQL)

Data Visualization (Matplotlib, Seaborn, BeautifulSoup)

CERTIFICATES

Python Data Science Certificate

Saylor Academy | Nov 2025 – Dec 2025

Completed a Python Data Science certification covering data analysis, visualization, and machine learning using Pandas, NumPy, and Scikit-learn.

Naxium Software Internship

Naxium Software | Oct 2024 – Dec 2024

Completed an internship at Naxium Software, gaining experience in software development and frontend web applications.

British Airways Data Science Virtual Experience Program

British Airways | Jan 2023 – Mar 2023

Completed a British Airways virtual data science simulation focused on data analysis, customer insights, and machine learning applications.

Soft Skills Certification

OEC & ICMBD | June 2025

Completed a soft skills certification focused on communication, teamwork, problem-solving, and professional workplace behavior.

ReactJS Foundation Course

Online Course | Jan 2025 – Apr 2025

Completed a React.js foundation course covering components, props, state, and responsive UI development.

LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency

INTERESTS

Machine Learning

Artificial Intelligence

Mathematical Modeling

Quranic Studies