Rana Muhammad Uzair

MERN STACK & DATA SCINENTIST

PROFESSIONAL SUMMARY

Aspiring MERN Stack Developer and Data Science Enthusiast with a passion for building web applications and analyzing data. Continuously learning and working on projects to enhance development and problem-solving skills. Eager to apply knowledge to real-world challenges and grow in the field.

Phone:
+1 (347) 724-1605

Github:
https://github.com/UZAIR676

Portfolio:
https://uzaira.netlify.app/

EDUCATION

Bachelor of Science in Computer Science | 2022 – 2026
UET Taxila (Transferred to a university in New York)
*R*elevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Web Development, Machine Learning, Operating Systems
Intermediate (F.Sc Pre-Engineering) | 2020 – 2022
Punjab Group of Colleges
Relevant Subjects: Mathematics, Physics, Chemistry, Computer Science
Matriculation (Science Group) | 2018 – 2020
Pakistan International School Jeddah (PISJ)
Relevant Subjects: Mathematics, Physics, Chemistry, Computer Science

SKILLS

Skilled: JavaScript, TypeScript, Python, React.js, Node.js, Express.js, MongoDB, Pandas, NumPy, Matplotlib, Seaborn ,TensorFlow
Familiar: Tailwind CSS, Git, Firebase, Redux, Next.js, Docker, CI/CD, Data Science (Basic Analysis, Visualization), Scikit-learn

PROJECTS

Food Management System | MERN Stack Project
Developed a full-stack application for food menu management, including CRUD operations for food items and categories. Integrated authentication and authorization for admin users, and connected the backend with a responsive frontend using React.js.
Miniature E-Commerce Store | MERN Stack
Built a fully functional e-commerce platform with user authentication, product listings, and a shopping cart using MongoDB, Express.js, React.js, and Node.js. Implemented user-friendly design with a focus on performance and responsive layouts.
Machine Learning Project – Rock vs. Mine Prediction
Developed a supervised machine learning model to classify rock and mine samples using Python and scikit-learn. Conducted data preprocessing, feature selection, and model evaluation to achieve a high prediction accuracy.
Data Analysis Project – Sales Forecasting
Used Python and Pandas to analyze historical sales data and predict future trends. Applied various data visualization techniques to present the findings and supported decision-making with predictive insights.

WORKSHOPS AND COURSES ATTENDED

Data Science with Python– **Python Ka Chilla (course)**
Completed a comprehensive data science course covering Python basics, data manipulation with Pandas, data visualization, and introductory machine learning concepts.
JavaScript Programming– Self-taught
Learned JavaScript independently through online resources, tutorials, and building personal projects. Gained proficiency in core concepts, asynchronous programming, and web development with JavaScript.