Mujtaba Chaudhry

437-450-2773 | mujtabawaqas@gmail.com | linkedin.com/in/mujtaba | mujtabach.netlify.app

EDUCATION

Ontario Tech University   Oshawa, On
Bachelor of Science in Computer Science   *Expected May 2026*

PROJECTS

SharpeTrade | [GitHub](#) | [Website](#) *(Firebase, React, JavaScript, Python, FinRL, Pandas, Tailwind CSS)*
- Engineered a profitable stock analysis platform with daily signals and real-time data insights using React, JavaScript, Python, Firebase, and FinRL.
- Developed algorithms achieving 70% confidence rate in stock prediction, leveraging historical data and machine learning.
- Increased data availability by 60% and analysis accuracy by 35% through external data integration and sentiment analysis.
- Created an immersive interface with React, Tailwind CSS, and JavaScript. Resulting in a 75% increase in user engagement, with users spending more time on the site.

IntelliChat | [GitHub](#) | [Website](#) *(JavaScript, React, AI, NLP, Node.js, HTML/CSS)*
- Created an AI-powered language learning tool with immersive chat interaction in 15+ languages.
- Leveraged React and Node.js to create a seamless and intuitive user interface, resulting in a 40% reduction in user drop-off rates.
- Doubled Knowledge Retention: Implemented advanced NLP techniques, doubling knowledge retention rates compared to conventional language learning approaches.
- Spearheaded Node.js and Python integration, boosting API response time by 25% and enhancing user experience.

Doctor Connect | [GitHub](#) | [Website](#) | *(JavaScript, React, HTML/CSS, MongoDB, Node.js, Selenium)*
- Developed a doctor lookup platform serving 1000+ doctors, simplifying healthcare access for patients using the MERN stack.
- Implemented Selenium for data scraping, reducing collection time by 700% and enabling real-time decision-making.
- Enhanced user engagement by 20% through the integration of an interactive map feature, allowing for intuitive visualization of doctor locations, coupled with a user-friendly review section for streamlined feedback.
- Prepared a secure user authentication system, bolstered by Node Passport, to ensure confidential access.

Nba Lineup Analysis | [GitHub](#) | [Website](#) | *(JavaScript, HTML/CSS, Matplotlib, Streamlit, Pandas, Git)*
- Launched a tool for comprehensive lineup analysis leading to a 75% increase in Fantasy performance.
- Utilized pandas for efficient data management and Matplotlib for intuitive visualizations, enhancing player and team statistics exploration.
- Uncovered impactful patterns through lineup analysis, influencing strategic decisions and game planning.

EXPERIENCE

Tutor   June 2022 – Present
Economical Tutoring Services   *Toronto, ON*
- Supervised targeted tutoring in Computer Science, Math, and Science to grade 12 and below students, tailoring sessions to individual learning needs and boosting academic performance.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, SQL
Frameworks: React, Node.js, Express.js, Flask, Bootstrap, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, MongoDB, Google Cloud Platform, Firebase, VS Code, Jupyter, Figma, Linux
Libraries: Pandas, NumPy, Matplotlib, OpenCV, STL, FinRL, Selenium, Bcrypt