Usman Shafi

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EDUCATION

University of North Texas — Denton, TX
Bachelor of Science in Business Computer Information Systems (3.8 GPA) — *Expected December 2024*

Certified Associate of Project Management (CAPM)
November 2023

TECHNICAL SKILLS

Languages: TypeScript, Python, Java, C++, JavaScript, HTML, CSS, Ruby
Frameworks: React, React Native, Node.js, RESTAPI, Flask, TailwindCSS
Developer Tools: Git, GitHub, Docker, AWS, VS Code, Visual Studio, PyCharm

PROJECTS

Teamfight Tactics Stats and AI Prediction App | *TypeScript, React, Express, and Python* — June 2024
- Developed a **Full-Stack Web Application** using **TypeScript, React, Express, and Python**, integrated with the **Riot API**, to provide detailed player statistics and **Predictive Analytics** for Teamfight Tactics
- Search for player statistics **by name**, retrieving data on past performances and match history.
- View detailed match results and placements, **Leveraging the Riot API** to ensure **up-to-date** information.
- Utilize **Machine Learning Algorithms** to predict future match outcomes and likely team compositions, providing insights based on **historical data** and player behavior.

Spotify Leaderboard App | *TypeScript, React, Node.js, Express, and PostgreSQL* — August 2024
- Developed a **Full-Stack Web Application** using **TypeScript, React, Node.js, and Express**, connected to a **PostgreSQL database** to manage and serve data on the most streamed Spotify tracks.
- Created a custom **RESTful API** to fetch and manage song statistics, integrating backend services with the React-based frontend for real-time data updates.
- Handled complex data interactions between the **database** and the API, enabling efficient queries and data processing for large datasets.

#1 Axxess Hackathon Winner | *TypeScript, React Native, Ruby, Arduino* — February 2024
- Built a **Mobile App** which accurately displays medical statistics such as Body Temperature, Skin Conductance, Heart Rate, and Pressure Points on the body using **piezoelectric sensors** built into bed sheets. Then generates mobility exercises based off current data and diagnosis
- Uses **React Native** and **TypeScript** in order to make components for a fully functional App for **IPhone and Android**
- Uses **Ruby** to run IOS Simulator

EXPERIENCE

Software Developer Intern — March 2024 – August 2024
Axle Marketing and Technology Group — *Remote*
- Responsible for maintaining and developing websites and web-applications utilizing **Wagtail CMS** in **Python** and **Tailwind CSS**
- The products are developed using **Git** for version control, and the websites are hosted using **Heroku on AWS**

Assistant General Manager and Code Instructor — October 2020 – June 2024
theCoderSchool Frisco — *Frisco, TX*
- Tutored students aged 6 to 40 to build projects using Scratch, **JavaScript, Java, and Python**, and guided them to create fully functional apps
- Engaged in **Business-to-Business marketing** to grow student base and participate in the community
- Accurately preformed **financial analysis** and efficiently reported it to leadership with clarity and transparency
- Managed **profit and loss statements**
- Hired and trained new instructors with different skill sets