Shakeer Nawaz

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TECHNICAL SKILLS

Languages: JavaScript, Python, Java, SQL (Postgres), C/C++, Elixir
Frameworks/Technologies: React, Node.js, Express, HTML, CSS, Bootstrap, jQuery
Tools: Git, Bash, Unix, Linux, MongoDB, PostgreSQL, REST API, JIRA, Testrail, Oracle SQL

EDUCATION

Toronto Metropolitan University   Toronto, ON
Bachelor of Science in Computer Science — GPA: 3.9   *Sept. 2021 – May 2026*

EXPERIENCE

Software QA Analyst @ TheScore | Toronto, ON   *Sept 2023 - April 2024*
- Ensured high-quality production releases for Penn Entertainment Betting apps by identifying and resolving critical issues through comprehensive cross-platform testing, resulting in defect-free launches.
- Collaborated with cross-functional teams, including developers, product managers, and designers, to prioritize and execute testing tasks and test cases
- Authored and executed over 2,000 test cases, enhancing test coverage and ensuring thorough validation of complex functionalities across multiple platforms.
- Designed and implemented detailed regression test plans, increasing test coverage by 40% and ensuring robust application performance in a fast-paced Agile development environment.

PROJECTS

Meal Simple — EWB UOFT Hackathon | *HTML, CSS, Javascript, Bootstrap*
- Acheived **1st** place in the EWB UofT Hackathon by designing *MealSimple,* an innovative solution to addressing food insecurity and empowering students with practical culinary solutions.
- Leveraged Google Maps API to seamlessly connect users with nearby food banks, promoting access to essential resources for students in need.
- Integrated TheMealDB API to provide over 300 personalized meal recommendations based on available ingredients, fostering sustainable cooking habits and reducing food waste.
- Utilized GPT-4 to dynamically generate recipe suggestions tailored to user preferences, budget constraints, and time availability, enhancing user experience and promoting culinary creativity.

Smart-Brain Facial Recognition | *React, Express, Node.js, PostgreSQL, HTML/CSS*
- Developed a React-based web application using Clarifai's face-recognition API to detect faces in images, showcasing a seamless integration of front-end and back-end systems.
- Implemented a PostgreSQL database to manage user login/registration information and track image analysis history, ensuring data integrity and efficient storage.
- Built and optimized Express server endpoints, enabling smooth interaction between the front-end and the database while maintaining a clean and scalable codebase.
- Designed a responsive UI with React and CSS, ensuring an intuitive and engaging experience across devices.

Train Management System | *Python, Flask, HTML, CSS*
- Collaborated in a team of five to create a Train Management System in an Agile setting, focusing on iterative development and clear communication.
- Developed UML diagrams to model the system's class structure and use cases, enhancing the team's understanding of system architecture.
- Authored detailed requirement documents, capturing functional and non-functional specifications to guide development and testing.
- Implemented key features, including train scheduling, time and route displays, and coordination of movements, ensuring robust functionality.
- Introduced unit testing, verifying the reliability and accuracy of core features during development.