Khurram Ayubi Butt

Niagara Falls, ON | 905-341-6050 | khurram.ayubi@yahoo.com | khurramayubi.github.io

A results-driven developer with a knack for organization and problem-solving. Enthusiastic about mastering new technologies to simplify tasks through coding and experimenting with innovative ideas.

AREAS OF EXPERTISE

❯ Javascript	❯ HTML5	❯ Node.js/Express	❯ ReactJS
❯ Java	❯ CSS3	❯ PostgreSQL	❯ React Native

PROFESSIONAL EXPERIENCE

Software Developer, NexJ Health   *Toronto, ON* | **March 2021 - Present**

Worked in an agile environment, using JavaScript, Node.js, and MongoDB. Developed intuitive UI workspaces using a React like component based framework. Ensured code quality with Test-Driven Development using Puppeteer and Mocha. Actively participated in pair programming sessions and contributed to design discussions and code reviews.

- Engineered and deployed a message templates feature, optimizing message creation by eliminating the need for manual copying from a spreadsheet. This initiative streamlined message creation, leading to a 50% decrease in errors and a 30% improvement in message consistency.
- Engineered a reporting feature to track batch messages sent on the platform with advanced filtering options. This enhancement improved operational efficiency, saving 30% of the time previously spent on manual tracking and enabling more effective oversight of messaging activities.
- Implemented a robust password lockout and account deletion mechanism to align with Apple's stringent requirements. This enhancement ensured enhanced security measures and adherence to Apple's platform standards.
- Expanded Bluetooth integration capabilities by incorporating support for blood pressure monitors and SpO2 readers using the Validic SDK. This extension facilitated seamless logging and tracking of vital measurements saving users 40% of their time per measurement, and enhancing the overall functionality of the system.

VOLUNTEER EXPERIENCE

Full Stack Developer, Mosque Aisha   *Niagara Falls, ON* | **April 2019 - Present**

- Launched and managed a website for a local mosque, providing visitors with daily prayer times and information on services, ongoing projects, and fundraising campaigns. Implemented an admin dashboard for streamlined administrative tasks, including invoice and certificate generation. *(Node.js, HTML. CSS, Bootstrap)*
- Developed a dedicated Android TV app for displaying daily prayer times and important mosque updates. *(Java, Node.js, Android Studio)*

PROJECTS

SpotiLyrics

- Implemented a React JS SPA to display lyrics for the currently playing song on Spotify. Enhanced functionality includes showcasing liked tracks with associated lyrics. Successfully deployed on Heroku. *(ReactJS, Node.js)*

Sirat-Al-Mustaqeem

- Developed an engaging app for Muslim users, providing them with randomized to-do lists of varying difficulty levels. Progression to higher levels is contingent upon successfully completing tasks, adding a gamified element to task management. *(React Native, Node.js)*

ExamBlitZ

- An intelligent exam preparation app enabling users to generate personalized exams using Google's Gemini, tailored to specific topics and learning goals. Designed performance tracking features with trend analysis and interactive charts, empowering users to monitor progress and identify improvement areas. Implemented advanced exam categorization and result insights, enhancing user engagement and learning efficiency. *(Flutter, Node.js, Firebase)*

EDUCATION

Bachelor of Science in **Computer Science,** Brock University   *St. Catherines, ON* | **2020**
Concentration in Software Engineering

Bachelor of Science in **Medical Sciences,** Brock University   *St. Catherines, ON* | **2018**