Madeeha Khan

Full Stack Engineer

Toronto, ON • (647) 459 3535 • madeehakhan16@gmail.com • LinkedIn

Technical Competencies

Languages: Python • Typescript • C# • SQL • NoSQL • Java • React • Angular
Tools: GitHub • Docker • Jira • Metabase • AWS • Azure • Power BI

Work Experience

Being ME 11/2022 – Present
A nonprofit organization enabling Muslim women to build and contribute to their communities.

IT Specialist
- Manage project lifecycle from inception to deployment, utilizing Agile methodologies to ensure timely delivery and alignment with business goals.
- Leading a company website revamp to enhance user experience and expand functionality, enabling further user engagement, online transactions, and event registrations.
- Collaborate with cross-functional teams to gather and analyze business requirements, leading to the successful implementation of new website features with two fellow engineers.
- Streamline communication and project management by implementing tools like Trello and G Suite, enhancing team collaboration and reducing project timelines by 15%.

Blue J 7/2021 – 10/2022
Providing specialized generative AI products for tax and legal experts.

Software Developer
- Maintained critical features in a global cloud environment for all systems, ensuring maximum uptime and minimal errors.
- Facilitated significant upgrades to Blue J's flagship product, enhancing case tracking, legal analysis, and annotation capabilities.
- Spearheaded the development of major features, significantly improving user experience and implementing advanced authorization security using React, Ramda, and Storybook UI.
- Drove the separation of product functionality into microservices, aligning with industry standards, enhancing system scalability, and reducing deployment times by 10%.

Tata Consulting Services   1/2020 – 6/2021
Providing customers across 55 countries with IT services, consulting, and business solutions.

Software Developer/UI Lead
- Directed the UI team in creating a high-traffic web application, serving thousands of users across Canada, improving user engagement by 20%.
- Drove the migration of BMO Customer Intake's front-end and back-end to AWS in only 8 months, overseeing project timelines, coordinating other developers, and utilizing Noda.js and Java.
- Led the design and implementation of the user interface using Angular and ensuring seamless integration with APIs.
- Effectively tracked project progress using Agile methodologies, including daily scrum standups; Contributed to sprint planning, retrospectives, and reviews.

Madeeha Khan

Pillbox 9/2018 – 9/2019
Mobile application providing users with an all-in-one tool to track and learn about their prescriptions.

Software Developer and Project Manager
- Designed and developed a user-friendly application for managing multiple medications, allowing patients to scan prescriptions for automatic setup of reminders and instructions.
- Initiated project development by creating detailed product specifications, conducting customer research, and identifying business entities and use cases.
- Mastered Ionic framework in Angular mobile and TypeScript to build a reliable and responsive application.
- Maintained regular communication with subject matter experts and stakeholders throughout the development lifecycle.

Microsoft 6/2018 – 8/2018
Redesigned and launched a tool to track Office builds, facilitating more frequent and consistent updates.

Program Management Intern
- Enabled more efficient tracking of R&D activities by redesigning an internal workflow visualization tool, tracking completion status on items and sending reminders to relevant personnel.
- Collected and analyzed large datasets using Power BI to identify key trends, user behaviors, and product performance metrics, providing insights for product enhancements.
- Collaborated with product and engineering teams to interpret data findings, leading to the development of new features that enhanced user experience and optimized product performance.
- Utilized data visualization techniques in Power BI to effectively communicate data-driven recommendations to stakeholders, influencing the final design and functionality of the product.

Education

Bachelors of Applied Science in Computer Science – *McMaster University*

Certifications: Power BI Essentials – *LinkedIn*
Meta Front-End Developer Professional Certificate –*Coursera | Meta*