Muhammad Abdullah
Full-Stack Developer

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TECHNICAL SKILLS

- **Languages:** C, C#, CSS3, HTML, Java, JavaScript ES6, NodeJS, Python, TypeScript
- **Frameworks:** .NET, Angular, Bootstrap, Django, Jest, jQuery, ReactJS, SASS, Tailwind
- **Databases:** MySQL, PostgreSQL, Prisma, SQL
- **Cloud Services:** Azure

EXPERIENCE

Full-Stack Software Developer Intern　　　　　　　　　　　　　　　　*Whitby, Canada*
Ontario Power Generation　　　　　　　　　　　　　　*January 2024 – September 2024*
- Led end-to-end software development, from requirement analysis and technology selection to deployment, utilizing Angular, .NET C#, and Microsoft SQL Server on Azure platforms.
- Designed and optimized database schemas, tables, views, and stored procedures, achieving a notable reduction in process time from 40 minutes to 3 minutes.
- Developed and implemented a new automated email notification feature using SendGrid API and .NET console applications, enhancing company communications and workflow.
- Conducted comprehensive debugging and performance optimization of existing applications, significantly improving functionality and user satisfaction.
- Employed software engineering methodologies throughout the project lifecycle, ensuring robust testing and quality assurance of all web applications.

Information Technology Technician　　　　　　　　　　　　　　　　*Toronto, Canada*
Ted Rogers School of Management　　　　　　　　　　　　　*December 2022 – May 2023*
- Wrote SQL queries for managing roles and permissions to university infrastructure.
- Served as the primary point of contact for customer support, handling over 30 incidents per day, some of which required live troubleshooting of emergency software malfunctions during ongoing classes.
- Analyzed and solved software/hardware issues and setup new device configuration using a Linux shell.

RELEVANT PROJECTS

Weather App | https://spontaneous-crostata-018c2a.netlify.app/ **|** *React, JavaScript XML/ES6, HTML, CSS, Tailwind.*
- Shows users a local weather summary based on their automatically detected location.
- Integrates real-time weather data from the OpenWeatherMap REST API.
- Custom styling inspired by Apple's Human Interface Guidelines.
- Deployed to production with Netlify.

Personal Portfolio Website | https://mabdullah.ca/ **|** *HTML, CSS, JavaScript ES6*
- Developed and maintained a responsive Personal Portfolio Website utilizing HTML, CSS, and JavaScript. Used Git and GitHub for version control, and Webpack for bundling modules.
- Uses custom CSS animations (transitions between sections and interactive hover effects on buttons) to boost user engagement.
- AB tested the website UI/UX with my peer network to optimize click through and engagement.

Finance Tracker | View Code | *React, Python, JavaScript XML/ES6, HTML, CSS, FastAPI, Bootstrap, PostgreSQL.*
- Developed a web-based finance tracker with an intuitive user interface, allowing users to efficiently manage, add, remove, and view their expenses and income.
- Employed a local PostgreSQL database for data storage and retrieval.
- Used FastAPI to integrate front-end and back-end.

Elevator Management System | *Java, PostgreSQL*
- An Elevator Simulation built using object-oriented programming in Java.
- Users can request an elevator to their floor and are prioritized with the optimal elevator path.
- Elevator usage statistics and application state are stored in PostgreSQL DB. Admin users can generate daily/weekly/monthly reports about elevator usage.
- Collaborated with my team using git version control and branch management via GitHub.

EDUCATION

TORONTO METROPOLITAN UNIVERSITY (FORMERLY RYERSON UNIVERSITY)　　　*Toronto, Canada*
Bachelor of Science - Computer Science with Honors　　　　　　　*September 2021 – April 2025*
- Dean's List, Ryerson Scholar ($4000).
- Extra-Curricular: Algorithms & Coding Club, Intramural Basketball, Intramural Dodgeball Captain, MSA General Member.