FARDIN FARUK

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EDUCATION

University of Toronto - St. George   Toronto, ON
Honours Bachelor of Science - Computer Science and Statistics Major, Mathematics Minor   *Sep 2021 – May 2025*
- CGPA: 3.5/4.0
- Relevant Coursework: Calculus with Proofs, Multivariable Calculus with Proofs, Introductory Computer Science I and II, Software Design, Introduction to the Theory of Computation, Linear Algebra I and II, Software Tools and Systems Programming, Computer Organization, Data Structures and Analysis, Introduction to Databases

TECHNICAL SKILLS

Languages: Python, JavaScript/HTML/CSS, C#, Java, SQL, R, C
Frameworks: Angular, React, .NET, Entity Framework Core, Node.js, Next.js, Material-UI, Flask
Developer Tools: Azure DevOps, Git, Figma, Jira, Airtable, Docker, Agile, SQL Server Management Studio

EXPERIENCE

Software Engineer Intern   May 2022 – Present
PricewaterhouseCoopers LLP, Canada   *Hybrid - Toronto, ON*
- Developed the web application, PwC Access Advantage with a team of 35+ developers using **Angular, JavaScript, C# and SQL** which provides 20 000+ clients yearly, simple access to company specialists and their services
- Integrated Responsive Web Designs for excellent user experience and interface for varying screen sizes
- Implemented a translation API to translate text content between English and French from a drop-down menu
- Developed CRUD APIs with HTTP POST, GET, PUT and DELETE to handle user data as desired by the application
- Created tables and implemented Business Logic to handle relational data in a **SQL** server
- Integrated **C#** Unit Tests which verified stability and correctness of API's before deployment

Lead Software Engineer   Jul 2021 – May 2022
FOCUS.Inspired   *Remote*
- Lead a team of 5 developer for the product of the web application, Career Buddy, which assisted 100+ unemployed clients to grasp the skills to find employment using **React, JavaScript and SQL**
- Integrated a GET API to collect data from **Airtable** (server) and present modifiable content on to the web page
- Devised video and audio recording system which utilizes the **AWS** like, **S3 spaces** alongside GET and PUT APIs to store and retrieve user recordings using **Digital Ocean**

Lead Engineering Educator   Jan 2020 – Jun 2020
Durham District School Board   *Pickering, ON*
- Lead a team of 3 developers to educate 100+ students for their first experience with development
- Utilized **Arduino C Block Programming** which successfully taught software development and problem solving
- Developed smart mBot robots as teaching examples for students to develop which solved real life problems
- Implemented a colour tracking software where a robot uses a camera to follow a trail of the colour black

PROJECTS

Anxiety Measurement & Prediction Application   Nov 2021 – Dec 2021
- Developed a solution to evaluates stress level based on personal information using **Python**
- Created an accurate model based on a multiple linear regression algorithm
- Integrated a data set computing algorithm to parse csv packages and compute stress scores efficiently

Stock Price Predictor App   Aug 2021
- Produced a solution to provide easy access and accurate stock predictions on mobile for stock traders with a team of 3 software developers in under 48 hours, using **Java, Python, OKHttp API, Yahoo Finance API, Git, Flask**
- Developed a back-end **flask** server for a **Python** prediction model to communicate with the Android app

EXTRACURRICULARS & AWARDS

- **Extracurricular: Full-Stack Developer** in Web Developer Club, **Developer** in Google Development Club, **Team Leader** of the UofT Registered Study Groups in Computer Science
- **Awards:** UofT Scholar (**$7500**), Walmart Merit Scholarship (**$2000** and featured on Toronto Star / Walmart Article)