MAAN PATEL

University Of Waterloo **|** 4th Year Engineer

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Education

Management Engineering - University of Waterloo   Grad. Apr 2024
Courses: Data Structures and Algorithms, Databases and Software Design, Search Engines, Probability and Statistics

Skills

Languages   C#, Python, JavaScript, TypeScript, SQL, Java, Ruby, R, XML, XAML
Web   React, Node.js, Django, jQuery, Ruby on Rails, Express.js, Bootstrap, HTML5, CSS, SASS
Technologies .NET, Azure, Git, GitLab, Kafka, Unix, JUnit, xUnit.net, Android Studio, XCode, Visual Studio
Databases   MySQL, MongoDB, PostgreSQL, SQLite, SQL Server

Experience

Full-Stack Software Developer Intern | *Tesla (Palo Alto, CA)*   Sept 2023 – Present (until Dec 2023)

Software Developer Intern | *Ceridian Dayforce (Toronto, ON)*   Jan 2023 – Apr 2023
- **Reduced start-up times by 20% to improve application performance** using Azure App Insights and generating timed logs in .NET back-end to identify and resolve the bottlenecks with config files.
- **Fixed 6 critical front-end bugs** using React, TypeScript, JavaScript, and HTML/CSS in time for the release.
- **Consumed and produced 8 Kafka subscriber events** to/from various Kafka topics using Kafka Connect and local libraries for data integration and stream processing with a cross-functional team.

Full-Stack Developer Intern | *Triyo (TS Analytics) (Toronto, ON)*   May 2022 – Sep 2022
- Worked in a start-up environment to create over **60 Pull Requests and solve over a dozen bugs, tasks, and user stories** by working closely with the product, design, and dev team under tight deadlines.
- **Optimized core feature's loading time by 45%** through implementing Lazy Loading with React Hooks, migrating MVC to Entity Framework using .NET with C#, and reducing calls to the database through caching.
- **Created SQL scripts to import over 25,000 records to production database** by using DML statements.

Mobile Developer Intern | *Prometheusgroup – (Remote)*   Sep 2021 – Dec 2021
- Wrote production code on Windows, Android, and iOS platforms for clients such as Nestle, Tarmac, and Messer to **provide ERP solutions integrated with SAP for over 20,000 users.**
- Coded with Java and XML in Android Studio, C# and XAML in Windows Visual Studio, C and C++ in XCode, and ABAB in SAP to **deliver 4 new features and fix more than 15 bugs**.
- **Delivered projects 2 weeks early for several customers** by working closely with a cross-functional team in a Kanban Agile environment using Scrum, Jira, and Jenkins to deliver builds.

Projects

Automatic-Stock-Portfolio-Generator - Python, Django, React, REST API, SQLite, HTML/CSS   Feb 2021
- This app generates a stock portfolio from a user's Investment Capital, Time of Investment, and Risk Level. Users can also paper trade in real-time with $100,000 starting capital. (https://port-gen.herokuapp.com)

Wonders World - JavaScript, Node.js, Express, MongoDB, APIs, Async Functions, Password Hashing   Apr 2020
- Full Stack app made using JavaScript, Node.js (for backed), Express (for the web framework), MongoDB (for storing data such as users, locations, description, etc.), Password Hashing, Async JS (for requests), Error Handling Middlewares, and HTML/CSS & Bootstrap (for front-end). (https://wonders-world.herokuapp.com)