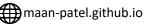
# MAAN PATEL

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 -Dec 2023

- Automated process for mass configurations using C# SDK, resulting in savings of \$250,000 over the course of 5 years and over 11 weeks of manual labor.
- Created, and deployed a REST API to automate with C# .NET Framework using 3<sup>rd</sup> party SDK for integration with internal tooling for security management.

**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**

Simple-Meal – React, Express.js, JavaScript, Python, PostgreSQL, HTML, CSS

Apr 2024

Created full-stack application for creating a meal plan based on user preferences to help budget meals for a user throughout the week.(https://simplemeal.live)