

# MAAN PATEL

University Of Waterloo | 3<sup>rd</sup> Year Management Engineer

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## Skills

<b>Languages</b>	JavaScript, Python, SQL, Java, C#, Ruby, R, XML, XAML, ABAP
<b>Web</b>	HTML5, CSS, SASS, Django, React, Node.js, jQuery, Ruby on Rails, Express.js, Bootstrap, Material UI
<b>Technologies</b>	Linux, Git, GitLab, .NET, Unix, Junit, Android Studio, XCode, VS Studio, SAP
<b>Databases</b>	MongoDB, PostgreSQL, MySQL, SQLite

## Experience

**Mobile Developer Intern** | *Prometheusgroup (Raleigh, NC)* Sep 2021 – Dec 2021

- Wrote production code on Windows, Android, and iOS platforms for clients such as Nestle, Tarmac, Messer, and more to **provide ERP solutions integrated with SAP for over 50,000 users**.
- Coded with Java and XML in Android Studio IDE, C# and XAML in Windows Visual Studio, C and C++ in XCode, and ABAP in SAP to deliver new features and fix bugs.
- Helped push back software delivery dates by 2 weeks for several customers** by working closely with an amazing team in a Kanban Agile environment using Scrum and Jira to deliver builds.

**Digital Marketing Intern** | *CIS Office Plus (Guelph, ON)* Sep 2020 – Dec 2020

- Managed and updated several e-commerce websites written in JavaScript, PHP, HTML, & CSS using technologies such as jQuery, Bootstrap and more **to save over month of delivery dates**.
- Improved SEO scores by 35% and significantly reduced loading times** by suggesting/adding site metadata, XML sitemaps, minified JS/CSS files, async functions, and minimized HTTP requests to existing suite of e-commerce websites.

**IT Network and Security Support Analyst Intern** | *AGF Investments (Toronto, ON)* Jan 2020 – Apr 2020

- Mitigated organizational risk vulnerability by 7%** as a result of creating a Python script that detects CVE vulnerabilities for all software and webpages visited on a user's device.
- Presented project reports, vulnerabilities, and recommendations to senior IT heads in bi-weekly meetings.

**IT Security Risk & Audit Analyst Intern** | *Toronto District School Board (Toronto, ON)* Apr 2019 – Sept 2019

- Fulfilled the organizational need for storing over 50,000** student/teacher information, IP addresses, TCP ports, and visited websites by creating an XML storage.
- Programmed in a sample workstation to do ethical hacking using SQL queries, testing security features, and monitoring network activities **to expose over 15 critical threats, and 23 normal threats**. Worked with the website team to fix vulnerabilities such as Cross-Site Scripting using JavaScript/DOM.

## Projects

**Automatic-Stock-Portfolio-Generator** - Python, Django, React, REST API, SQLite, HTML/CSS Feb 2021

- Helped over 20 individuals/families to get started with responsible and disciplined investing. An automatic stock portfolio is generated from user's Investment Capital, Time of Investment, and Risk Level. Paper trading is also allowed.
- Stock Prices were obtained using several APIs and in-house database. Django is used as the web framework. Back-end functions were created to make recommendations, and display charts. (<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, passwords, locations, description, etc.), Password Hashing, Async JS (for requests), Error Handling Middleware, and HTML/CSS & Bootstrap (for front-end). (<https://wonders-world.herokuapp.com>)

## Education

**Management Engineering** - University of Waterloo 2019 – 2024

Courses: Data Structures & Algorithms, Databases & Software Design, Probability & Statistics, Linear Algebra, Calculus