

# Raj Patel

Full Stack Engineer | Product Management

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## Technical Skills

### Software Engineering Experience

- Python (4 years), Java (4 years), Android Development (3 years), HTML, CSS, JavaScript, TypeScript, C, C#
- MEAN/MERN Stack (MongoDB, Express.js, Angular/React, Node.js), ASP.Net, Bootstrap
- SQL, MySQL, SQL Server Management Studio (SSMS), Firebase, RDBMS, Neo4j, Docker

### Paradigms (Formal Education)

- Data structures & Algorithms, Databases, Embedded Designs, Large Software System Designs, Artificial Intelligence, Agile Methodologies, Software Design Patterns

## Education

### University of Toronto

Honors Bachelors of Science

Toronto, ON

September 2018 – August 2021 (Expected)

- Software Engineering Specialist, Dean's List
- Annual Scholarship for Distinction (\$3000)

## Experience

### Loadlink Technologies

Software Engineer (Intern)

Mississauga, ON

September 2020 – December 2020

- **Technologies:** MEAN Stack (MongoDB, Express.js, Angular, Node.js), HTML, CSS, C#
- Shipped new features by developing robust code while thoroughly testing resulting in positive feedback from the QA team
- Actively updated mock-ups for new and improved features based on suggestions from hundreds of clients and team members which increased the use of services by 35%
- Built a RESTful API that monitored the status of the team's development VMs, scraped logs, and displayed information about services deployed on the VMs

### DBRS Morningstar

Software Engineer (Intern)

Toronto, ON

January 2020 – April 2020

- **Technologies:** MEAN Stack (MongoDB, Express.js, Angular, Node.js), HTML, CSS, SSMS, PostgreSQL, Python, AWS, ASP.Net
- Restructured several relational databases allowing easier access and maintaining manageability of over 100,000 entries of data
- Successfully addressed high priority bugs by developing robust fixes within 1 day resulting in an earlier company-wide rollout
- Actively shipped features that required architecting, and optimizing code ensuring a well-designed software

### Clearbridge Mobile

Software Engineer (Intern)

Toronto, ON

May 2018 – August 2018

- **Technologies:** MERN Stack (MongoDB, Express.js, React, Node.js), HTML, CSS, SSMS, Python, C#
- Utilized Node.js to create client-facing web pages
- Effectively listened to client's needs and wants to build interactive UI's using resulting in high web ratings and positive feedback
- Lead developer on a web application built with a team of 4 which was coded with reusable and maintainable code

## Projects

### Dragger.js (Drag and Drop Library)

March 2021

- **Technologies:** HTML, CSS, JavaScript, Express.js, Node.js
- Allows developers to use the pre-built code giving users the ability to drag and drop objects making web apps more interactive
- Successfully implemented multiple features with a detailed API to allow developers to easily integrate and use the library

### FanCrowd

February 2021

- **Technologies:** MEAN Stack (MongoDB, Express.js, Angular, Node.js), HTML, CSS, Docker
- Designed for people who have strong interests related to entertainment such as movies, shows, sports, games, and more
- Excellent use of SOLID principles, MongoDB database, RESTful API's, and the MVC design pattern

## Achievements

### Hack the 6ix

August 2018, 2<sup>nd</sup> place

### UofTHacks IV

February 2019, 3<sup>rd</sup> place

### HackTheValley

February 2020, Top 5

### Hack the North

January 2020, Top 5