

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

Paradigms (Formal Education)

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

Education

University of Toronto

Toronto, ON

Honors Bachelors of Science

September 2018 – August 2021 (Expected)

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

Experience

Loadlink Technologies

Mississauga, ON

Software Engineer (Intern)

September 2020 – December 2020

- **Technologies:** HTML, CSS, Angular, Node.js, MongoDB, 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

Toronto, ON

Software Engineer (Intern)

January 2020 – April 2020

- **Technologies:** HTML, CSS, Angular, Node.js, 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

Toronto, ON

Software Engineer (Intern)

May 2018 – August 2018

- **Technologies:** HTML, CSS, React, Express.js, Node.js, SSMS
- 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

FanCrowd

February 2021

- **Technologies:** Angular, HTML, CSS, MongoDB, Express.js, Node.js
- 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

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

Achievements

Hack the 6ix

August 2018, 2nd place

UofTHacks IV

February 2019, 3rd place

HackTheValley

February 2020, Top 5

Hack the North

January 2020, Top 5