Raj Patel
Full Stack Engineer

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Portfolio: raj-patel-portfolio/

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)
- 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   **Toronto, ON**
Honors Bachelors of Science   September 2018 – April 2022 (Expected)

- Software Engineering Specialist, Dean's List

Experience

HomeX   **Toronto, ON**
Software Engineer   August 2021 – Present

- **Technologies**: MERN Stack (MongoDB, Express.js, React, Node.js), HTML, CSS, Redux, PostgreSQL, Python
- Building small, independent, modular microservices allowing for high maintainability, and scalability
- Updating UI to be more responsive and interactive through customer involvement resulting in 35% more new and active users

CaseWare   **Toronto, ON**
Software Engineer Intern   August 2021 – Present

- **Technologies**: MEAN Stack (MongoDB, Express.js, Angular, Node.js), HTML, CSS, PostgreSQL, Java, AWS
- Using continuous integration, delivery, and testing for faster release and more reliable testing
- Currently designing a REST API to monitor materialized views and data pipeline performance

Loadlink Technologies   **Toronto, ON**
Software Engineer Intern   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
- Updated mock-ups for features based on suggestions from hundreds of clients increasing the use of services by 28%
- Lead developer on a web application built with a team of 4 which was coded with reusable and maintainable code

DBRS Morningstar   **Toronto, ON**
Software Engineer Intern   January 2020 – April 2020

- **Technologies**: MEAN Stack (MongoDB, Express.js, Angular, Node.js), HTML, CSS, SSMS, PostgreSQL, Python, AWS
- 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

Achievements

HackTheValley	**Hack the North**	**UofTHacks IV**	**Hack the 6ix**
February 2020, Top 5	January 2020, Top 5	February 2019, 3rd place	August 2018, 2nd place

Projects

Visit github.com/rajpatel5