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, 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

BullVest (Stock Market Simulator)   **August 2019**
- **Technologies**: Java, SQLite, Android Studio, XML
- Offers multiple trading options, educational videos, and articles, and real-time data
- Excellent use of SOLID principles, handler threads, SQLite database, RESTful API, and the Android development lifecycle

MyPlace (Augmented Reality)   **May 2020**
- **Technologies**: Java, SQLite, XML, ARCore
- Created for the use of new homeowners to allow them to visualize their dream homes with their choice of furniture and appliances
- Successfully implemented ARCore with the ability to capture and store images of augmented objects in the real world

Achievements

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