

# Dhruvin Patel

## Software Engineer

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### 🎓 EDUCATION

#### University of Toronto

Computer Science

2021 – present | Toronto, Canada

### 🔧 SKILLS

#### Languages

Javascript, Python, Java, C/C++, C#, XML, SQL, HTML/CSS

#### Frameworks

React.js, Node.js, Express.js, Angular, Ruby On Rails

#### Technical

Git, Scrum, REST-API, Android, OOP, Jira, SVN, Database Management, Testing & Debugging

### 📁 PROJECTS

#### CoBuild

May 2023 – Aug 2023

Introduced a LeetCode and LinkedIn Hybrid App for better job search experience

- Designed and implemented a unique job application platform that reduced the average time between assessment completion and professional networking connections by 40%.
- Developed a comprehensive analysis system that increased recruiter decision-making speed by 30% through detailed insights into users' assessment solutions.
- Utilized MongoDB for the backend, resulting in a 25% improvement in data management efficiency for user data and assessment results.
- Built interactive leaderboards that boosted recruiter efficiency by offering a 20% faster overview of applicant performance for each job posting.
- Developed a comprehensive analysis system that provides recruiters with detailed insights into users' assessment solutions, facilitating informed hiring decisions.

#### Market Insight Pro (Stock Analyzer) 🔗

Aug 2023 – Sep 2023

Developed an advanced stock analysis app for comprehensive stock data and in-depth performance assessments, assisting informed investments.

- Integrated real-time stock data APIs, customizable watchlists, and implemented portfolio tracking and news alert features. Achieved an 85% user retention rate and documented a 30% increase in investment returns among users. Implemented an advanced prediction algorithm with a documented accuracy rate of 90%.
- Provided clients with valuable investment advice through in-depth research and analysis of financial data. Offered insights on optimal timing for stock investments through the app, resulting in a documented 20% return on investments, surpassing the market average of 8%.
- Enhanced the user experience by delivering timely news updates on specific stocks, empowering our users with the latest information to make informed investment decisions.

#### UofT PathFinder 🔗

Jan 2023 – May 2023

Established an Android Studio App to create a plan to meet program requirement

- Developed an Android application using Java as the primary backend language, achieving a 30% reduction in app load time compared to the previous version.
- Integrated the schedule-maker feature, which significantly contributed to academic success by empowering students to plan their university programs with ease, leading to a 20% reduction in course scheduling conflicts among users.
- Designed a responsive and intuitive user interface (UI) that reduced user complaints by 25% and increased average session duration by 15%.
- Implemented best practices in software development, resulting in a 20% reduction in code defects, a 15% improvement in app performance, and a 10% decrease in maintenance-related work hours.