Rajanbir Singh

Software Developer, 4th year Student, Graduating SU 2021

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💼 Work Experience

- ### Back End Java Developer - Intern

  Walletifai Inc. (startup) | *Aug 2020 – present*
  - Worked in a team of 3 to build **RESTful API** for a financial Mobile Application
  - Using **Java 8**, **Spring Boot**, Spring **MVC**, **Servlet**, **Hibernate**, **MySQL**, **JDBC**
  - Utilized high degree of **SQL** proficiency to slash recurring queries run time by **30%**
  - Integrated **"Plaid" API** to handle user's financial info and proposed design solutions
  - Implemented webhooks to instant fetch users' transactions data
  - Implemented **server-side caching** mechanism to improve response time

- ### CS Student Tutor

  York University, Toronto | *Jan 2019 – Jun 2019*
  - Instructed up to 10 students in basic **Web Development**, **JavaScript**, **HTML**, **CSS**.
  - Co-ordinated **lab instructions**.
  - Provided anonymized class reports.

🖥 Projects

- ### Mom&Pop bookstore (Eshop)   - Website | Github
  - Developed full stack, online application using **ReactJS**, **Axios** (front-end), **Java Spring Boot** (back-end) and IBM **DB2 database**
  - Scalable **web app**, handles user signup/login, cart, shop, payment, admin functionality
  - Heroku/IBM cloud deployment link: 4413-frontend.mybluemix.net

- ### Voice Alarm (Android app)   - Playstore | Github
  - A unique Alarm Clock app that requires the user's voice input to dismiss the alarm.
  - Technologies: **Java**, **SpeechRecognizer API**, integrated **MySQL**, **Android frameworks**

- ### Grades Alerter (Tool)   - Github
  - Automatically checks and notifies if new grades have been posted for courses.
  - Technologies: Java, Selenium WebDriver (for automation)

- ### Brick Breaker (Game)   - Website | Github
  - Online game made using Javascript and HTML Canvas

</> Technical Skills

- Back-End
  • Java • Spring Boot • JDBC • C/C++ • Javascript • JQuery • JSON, XML • Relational Databases (SQL Proficiency) MySQL, IBM Db2

- Front-End
  • HTML 5 • (S)CSS • Bootstrap • ReactJS • Axios

- Tools
  • IntelliJ • VSCode • Eclipse • Postman • Version control (Git) • Vim

- Frameworks/Other
  • Android Development Frameworks • JUnit • Selenium (Web automation & testing) • Protractor (Angular Testing) • Jasmine

🎓 Education

York University

Toronto, ON | 2017 – present

Bachelor's in computer science, Honors

- Advanced Object-Oriented Programming (Java, C++)
- Data Structures and Algorithms, Design and Analysis
- Database systems, Data mining
- User Interfaces, Responsive Web Development
- Building E-commerce systems …and more.

References

Available upon request