Navinn Ravindaran

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EDUCATION

University of Toronto   Toronto, ON
Honours Bachelor of Science, Computer Science & Statistics Co-op   Sep 2019 — Apr 2023 (Expected)
Cumulative GPA: 3.78 / 4.00
Notable Courses: Software Design, Software Engineering, Programming Languages, Software Tools and Systems Programming
Awards: *Dean's List of Academic Excellence (2019-20), University of Toronto Scholar ($7500)*

SKILLS

Languages: TypeScript, JavaScript, Java, HTML, CSS, C, Python, SQL, Shell
Frameworks & Tools: React, React Native, Angular, Node.js, Express.js, JIRA, GitHub Actions, TravisCI, MongoDB, Firebase
Concepts: APIs (REST, GraphQL), Agile Methodologies (Scrum, Kanban, Test Driven Development), CI/CD

WORK EXPERIENCE

Halo   Chicago, IL
Full-Stack Software Engineer Intern   May 2021 — Aug 2021
- Incoming Summer 2021 intern - React + Ruby on Rails

CaseWare International   Toronto, ON
Front-End Software Developer Co-op   Sep 2020 — Apr 2021
- Active contributor in an **Agile Scrum** of **11** members, facilitating **Daily Standup** meetings using multiple **JIRA** Boards
- Decreased developer & QA regression efforts by **60%** by converting manual tests to unit tests with **Karma** and **Jasmine**
- Developed major features and critical hotfixes using **Angular** and **AngularJS**, improving the end-user experience for **65+** international distributors

PROJECTS

UImpactify — Online Learning Platform   (**Website**) (**GitHub**)
- Engaged in an Agile Scrum of **7** over **4** sprints, battling the lack of specialized education in the social purpose sector
- Facilitated Daily Standup, Backlog Refinement, and Architecture Design meetings **following best Agile practices**
- Developed and deployed a **Discord Bot** to supplement Daily Standup meetings, reducing overall time by **50%**
- **Core Features:** Course Enrollment, Lectures & Assessments, Student Analytics, Course Surveys, Realtime Chat, Volunteer Opportunities, Donation System
- **Technology:** MongoDB, Express.js, Angular, Node.js, Socket.io, Chart.js, Multer, GridFS, Heroku, Figma, JIRA

Noten — Cloud Based Grade Management Application   (**Google Play Store**) (**GitHub**)
- Implemented a flattened data store, resulting in **4x** fewer database queries on all **CRUD** operations on grades
- **Core Features:** Semester & Course Management, Grade Prediction, Multiple Grade Scales, Selective Course & Grade Calculation
- **Technology:** React Native, Firebase Realtime Database, Firebase Authentication with Google OAuth 2.0

Ritrovo — Full-Stack Social Platform   (**Website**) (**GitHub**)
- Built an authenticated **GraphQL API** and community dashboard for creating posts and collaborating with users
- Eliminated code duplication by **3x** using **auto generated** schemas for database models, API queries and TypeScript interfaces
- **Technology:** React, Next.js, TypeScript, Apollo, MongoDB, Mongoose, JSON Web Tokens, Vercel

Spotify API Clone — Social-centric Music Player REST API   (**Documentation**) (**GitHub**)
- **Core Features:** Create and follow user profiles, Upload and like songs, Playlist generation, Query liked songs from followers
- **Technology:** Java, Spring Boot, MongoDB, Neo4j, Microservices Architecture