

Navinn Ravindaran



navn.me



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navinn-ravindaran



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EDUCATION

University of Toronto

Honours Bachelor of Science, Computer Science & Statistics Co-op

Toronto, ON

Sept. 2019 — Apr. 2023 (Expected)

Cumulative GPA: **3.78 / 4.00**

Notable Courses: Software Design, Intro to Software Engineering, Discrete Mathematics, Multivariable Calculus, Linear Algebra

Awards: **Dean's List of Academic Excellence** (2019-20), **University of Toronto Scholar** (\$7500)

SKILLS

Programming: HTML, CSS, TypeScript, JavaScript, Java, C, Python, Shell, LaTeX

Frameworks and Tools: Angular, React, React Native, Node.js, Express.js, Jira, Git, GitHub Actions, TravisCI, MongoDB, Firebase

Development Methodology: Agile Scrum, Agile Kanban

EXPERIENCE

Software Developer

CaseWare International Inc. • Co-op

Toronto, ON

Sept. 2020 — Apr. 2021

- Active contributor in an **Agile Scrum** of 11 members, closely collaborating with developers, QA, managers and product owners
- Facilitated **Daily Standup** meetings using various Sprint, Regression, and On Call **Jira** Boards
- Decreased developer & QA regression efforts by **60%** by converting manual tests to unit tests with **Karma** and **Jasmine**
- Developed major features and hotfixes using **Angular**, **AngularJS** and **TypeScript** improving the end-user experience for **60+** international distributors

PROJECTS

UImpactify

Online Learning Platform

uimpactify.herokuapp.com

Sept. 2020 — Dec. 2020

- Developed in an Agile Scrum of **7** members over 4 sprints, specializing in education for the social purpose sector
- Facilitated Daily Standup, Backlog Refinement, and Software Architecture Design meetings following best Agile practices
- Developed and implemented a Discord Bot to supplement Daily Standup Meetings, reducing overall meeting time by **50%**
- Well received by product owners and competitors, resulting in a score of **99%**
- Core features:** Courses, Graded Assessments, Student Analytics, Surveys & Ratings, Realtime Chat, Volunteer & Employment Opportunities and a Community-driven Donation System
- Technology:** MongoDB, Express.js, Angular, Node.js, Clarity Design, Socket.io, Chart.js, Multer, GridFS, Figma, Jira

Spotify API Clone

Social-centric Music Player Backend

navn.me/spotify-api-clone

Nov. 2020 — Dec. 2020

- Core features:** Creating and following user profiles, Uploading and liking songs, Playlist generation and Querying liked songs from followers
- Technology:** Java, Spring Boot, MongoDB, Neo4j, Microservices architecture

Ritrovo

Full-Stack Social Platform

ritrovo.herokuapp.com

Sept. 2020

- Core features:** Create, Edit, View, and Delete posts made by other users in a single-community based dashboard
- Technology:** MongoDB, Express.js, Angular, Node.js, Markdown, Bootstrap, Heroku

Noten

Cloud Based Grade Management Application

play.google.com/store/apps/details?id=com.noten

May 2020

- Developed using a single codebase, deployable to both **iOS** and **Android**
- Implemented a flattened data store, resulting in **4x** fewer database queries for standard CRUD operations on grades
- Core features:** Multi-Semester and Course Management, Grade Prediction Calculator, Pass/Fail Courses, Multiple Grade Scales and Incognito Grades (Ignore Grade during GPA calculations)
- Technology:** React Native, Firebase Realtime Database, Firebase Authentication with Google OAuth 2.0