Navinn *Ravindaran*

🔗 navn.me

✈ navinn.ravindaran@mail.utoronto.ca

in navinn-ravindaran

○ navn-r

🎓 EDUCATION

University of Toronto
Toronto, ON
Honours Bachelor of Science, Computer Science & Statistics Co-op
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, Jira, Git, GitHub Actions, TravisCI, MongoDB, Firebase

Development Methodology: Agile Scrum, Agile Kanban

💼 EXPERIENCE

Software Developer
Toronto, ON
CaseWare International Inc. • Co-op
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
uimpactify.herokuapp.com
Online Learning Platform
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, ExpressJS, Angular, Node.js, Clarity Design, Socket.io, Chart.js, Multer, GridFS, Figma, Jira

Spotify API Clone
navn.me/spotify-api-clone
Social-centric Music Player Backend
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
ritrovo.herokuapp.com
Full-Stack Social Platform
Sept. 2020

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

Noten
play.google.com/store/apps/details?id=com.noten
Cloud Based Grade Management Application
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