

Ryan Ramroop

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SKILLS

Languages: Python, Java, C, C++, C#, HTML, CSS, JavaScript/TypeScript, SQL, R

Technologies: React, Angular, ASP.NET, Node.js, Express, Flask, PostgreSQL, MSSQL, SQLite3, MongoDB, Docker

Developer Tools: Git, Jira, Figma, Postman

EDUCATION

University of Toronto

Toronto, ON

HBSc — Specialist in Statistics (Data Science & Machine Learning Stream)

2020-2025

Relevant Coursework: Intro to Software Design, Intro to Software Engineering, Engineering Large Software Systems, Intro to Databases

EXPERIENCE

ComputerTalk Technology Inc.

Toronto, ON

Software Developer

Jan 2024 - Present

- TBD

PROJECTS

CarRental App | *ASP.NET Core, React, Microsoft SQL Server, Stripe*

- Architected a car rental web application, which allows users to book rentals for cars.
- Developed backend in the **.NET** framework, which includes creating business logic, data access layers while utilizing enterprise design patterns like **Repository** and **Dependency Injection**.
- Developed a data management system using **MSSQL** to create, manipulate and query data from the database efficiently.
- Designed user interface and experience with **React** ensuring a modern and responsive design.
- Utilized external API **Stripe** to conduct and manage all payments and checkouts.

GainzHub | *MongoDB, Express, React Native, Node.js, AWS S3, Agile Development*

- Contributed to the development of GainzHub, a mobile fitness tracking app built and designed with **MongoDB**, **Express**, **React Native**, **Node** and **S3**.
- Implemented features which includes nutrition and workout logging, creating meal and workout plans, tracking BMI & BF% overtime with a social media aspect which allows users to interact with each other.
- Followed **agile development** methodologies by having daily scrum meetings, providing continuous team feedback, through code reviews, sprint planning, sprint reviews, and sprint retrospective meetings and completing user stories created and managed by **Jira**.

Zoomer | *Java, PostgreSQL, MongoDB, Neo4J, Docker, Maven, CI/CD*

- Developed backend API gateway using **Java**, which joins microservices for a ride sharing product, similar to **Uber**.
- Implemented location microservice, using **Neo4j** to store location data and find nearby drivers, trip-info microservice using **PostgreSQL** to handle transactions, schedule trips, and get driver information, as well as a User microservice using **MongoDB** to handle user authentication, and user data storage.
- Employed unit-testing with JUnit and GitHub Actions along with Docker for CI/CD purposes.

AWARDS / ACHIEVEMENTS

- 3rd Place | DesktopAnalyst | Organization: Profitech Virtual Hackathon | *Python, Tkinter*
- Langchain Open Source Contribution | Implemented Pandas Dataframe Output Parser | *Python*