

# Neil Mehta

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## EDUCATION

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### Honours Bachelor of Science Double Major - HBSc in Computer Science and Mathematics

University of Toronto • 09/2019 - 12/2024

## WORK EXPERIENCE

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### KOHO • Toronto, Ontario, Canada • 05/2022 - 04/2023

#### Backend Software Developer

- Optimized database migration and user data backfill process through custom internal tools, leading to a 25% decrease in feature launch time and enhancing user experience.
- Improved design functionality by identifying and fixing multiple pain-points in subscription registration process, resulting in a 3% increase in new subscription model adoption.
- Improved code efficiency and reduced overhead costs on 3rd party requests by 10% through debugging and modularizing various monolithic services into several microservices, enhancing overall system performance.
- Collaborated with cross-functional teams to plan and deliver key project milestones, ensuring on-time delivery of 3 deliverables within 1 year, increasing customer base by 200,000+.

### Code Ninjas Brampton South West • Brampton, Ontario, Canada • 12/2020 - 04/2022

#### Coding Instructor

- Designed and led the FIRST LEGO Robotics competition team and Python program, leading to marked improvement in students' coding proficiency, problem-solving skills, and teamwork.
- Enhanced onboarding by developing Tutor Guides and Student Progress Tracking materials, improving tutor efficiency and boosting onboarding success.

## PROJECTS

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### Portfolio Website • 05/2023 - 06/2024

Developed a website using React and Node.js, showcasing a collection of personal passions and skills: <https://neil-mehta.com>

### Melodia Music Streamer • 06/2024 - 06/2024

Built a proof of concept music streaming application leveraging Spotify API, created using React:

<https://melodia-streamer.netlify.app>

### Tick: A Todo List Manager • 07/2024 - 08/2024

Built a todo list manager utilizing CRUD and REST API fundamentals. The backend uses Go, and the frontend uses React, Vite, and TypeScript. Data is stored in a MongoDB database: <https://tick.up.railway.app/>

## SKILLS

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- **Languages:** Assembly (RISC-V), C, C#, C++, Go, Java, JavaScript, Python, SQL, TypeScript
- **Technical Skills:** AWS, AWS DynamoDB, AWS Lambda, DataDog, Distributed Applications, Echo, Flask, Gin, Git, HTML, Jenkins, MongoDB, Node.js, Numpy, Pandas, PostgreSQL, Postman, React, Vue.js
- **Soft Skills:** Agile, Algorithm Design, Back-End Development, CI/CD, Data Modelling, Data Structures, DNS Management, Front-End Development, Full-Stack Development, Integration Testing, RESTful APIs, Software Development Lifecycle (SDLC), UI Design, Unit Testing, UX Design, Web Design
- **Core Competencies:** Adaptable, Attention to Detail, Communication, Critical Thinking, Problem Solving, Self Learning, Teamwork