

Mithil Damani

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EDUCATION

University of Waterloo

Bachelor of Computer Science (Co-op)

Waterloo, ON

Sep 2021 - Apr 2026

GPA: 3.7

Relevant Coursework: Algorithms, Operating Systems, User Interfaces, Object-Oriented Software Development

WORK EXPERIENCE

- **Geotab** Oakville, ON
Software Developer Jan 2024 - Apr 2024
 - Engineered and enhanced user interface components for the asset monitoring platform using TypeScript and React, significantly improving usability and performance for over 100k users.
 - Authored comprehensive Jest and Selenium test suites using C# within Rider to verify functionality and ensure seamless integration of new components
 - Collaborated closely with cross-functional team members to consistently meet weekly deployment deadlines, ensuring timely releases to the production environment
- **WealthyPlanet** Burlington, ON
Machine Learning Engineer May 2023 - Aug 2023
 - Developed and deployed "AbiChat", the world's first mathematically optimal personal finance optimization and interpretation engine.
 - Engineered a Flask application and orchestrated its deployment on the Render platform, resulting in seamless retrieving and delivering of JSON responses for 10k users.
 - Crafted a Bubble.io application and implemented intricate workflows to create a finance-focused solution adept at addressing user inquiries achieving a monthly traffic volume surpassing 10K visitors.
- **Niyo Global** Bangalore, Karnataka
Backend Developer Apr 2022 - Aug 2022
 - Developed a GraphQL server using express-graphql middleware, and Apollo Server API layer for an online banking application with 5k+ users.
 - Designed and implemented efficient 10+ GraphQL queries and mutations for user profile management, resulting in a 10x performance improvement over previous implementations.
 - Efficiently retrieved user profiles from MongoDB database using resolver functions, handling over 100+ daily requests seamlessly.

PROJECTS

- **Weather Tracker** Apr 2021 - Sep 2021
 - Built a real-time dynamic application using React and Axios, showcasing current weather details based on user-input longitude and latitude.
 - Integrated geolocation and OpenWeatherMap APIs with Axios to fetch and display real-time weather data seamlessly.
 - Added user-based authorization through refresh tokens sent as httpOnly cookie that lasted for 48 hours.

SKILLS

- **Languages:** Python, C, C++, Java, HTML, CSS, JavaScript, Typescript, MySQL, JSON/XML
- **Frameworks and Tools:** React.js, AngularJS, Next.js, Flask, Bootstrap, Express.js, MongoDB, Pandas, Numpy, Git, Jira

HONORS, AWARDS AND SERVICE

- Awarded the 2020 University of Waterloo President's Scholarship of Distinction (CAD 2,000).
- Awarded the Best Science Student Award of 2019 for exemplary performance in Computer Science.