Mithil Damani

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EDUCATION

University of Waterloo — Waterloo, Ontario
Candidate for Bachelor in Computer Science — *September 2021 - Present*

GPA: *82.50*

Relevant Coursework: *Obj-Oriented Soft Development (C++), Computer Organization and Design, Algorithm Design and Data Structures (C), Introduction to macroeconomics (Excel)*

WORK EXPERIENCE

One App Deployment — Niyo Global, Bangalore
Backend Developer — *April 2022 - August 2022*

- Developed and implemented a GraphQL application using express-graphql middleware, and Apollo Server which acted as an API serving layer for an app with 5k+ users.
- Incorporated several queries and mutations enabling the app to fetch and update a user's customer profile based on his credentials, impacting over 5k Niyo card users.
- Extracted user profile through resolver functions by fetching data from a MongoDB database.

Students Assignment Help Web Development — Bangalore
Developer — *April 2022 - August 2022*

- Developed various webpages including Home page, Services Page, Reviews Page, Answers Page and Blogs page.
- Used the fetch utility to make POST requests to store credentials of students who registered for online mentoring.
- Executed a CMS for website admins to easily insert, delete and update student records.
- Applied HTML5, CSS, JavaScript, Bootstrap5 to develop webpages garnering over 1000+ monthly visitors.

PROJECTS

- **Weather App** — *April 2021 - September 2021*
  - Applied **ReactJS** and Axios to develop a weather app.
  - Used external API's including geolocation API and openweathermap.org API to develop a dynamic app wherein the user can input latitude and longitude of a place and receive the current weather information.
  - Integrated user-based authorization on login page through refresh tokens sent as httpOnly cookie.

- **OutTogether** — *January 2022 - Current*
  - Implemented a full stack application using React Native, GraphQL and PostgreSQL allowing users to upload any events they are planning to go to, securing over 100 visitors.
  - Programmed an interface for users to be matched based on their upcoming events and initializing a communication channel between them.
  - Ensured spam protection by accomodating user-based authentication based on a user's University of Waterloo email.

- **Tours And Travels software** — *April 2019 - September 2020*
  - Spearheaded the implementation of a GUI using Python, MySql and Tkinter.
  - Conceptualized and designed software for a tours and travels company for monitoring and controlling the transactions of their business.
  - Managed booking, package and transaction details of customers who had purchased holiday packages.

SKILLS

- **Languages:** Python, C, C++, Java, Racket, MySQL, HTML5, CSS, JavaScript, AJAX, Bash, Git MongoDB, Bootstrap, Pandas, Numpy, JSON/XML
- **Frameworks and Tools:** NodeJS, ExpressJS, MongoDB

HONORS, AWARDS AND SERVICE

- Conferred with the position of Deputy Head Boy among 500+ candidates.
- Current member of the University of Waterloo Varsity tennis team.
- 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.