

# Meet Mehta

mehtameet12@gmail.com | (365) 777-4146 | [www.linkedin.com/in/mehtameet12](https://www.linkedin.com/in/mehtameet12) | [www.github.com/mehtameet12](https://www.github.com/mehtameet12)

[mehtameet12.github.io/PersonalWebsite](https://mehtameet12.github.io/PersonalWebsite)

## EDUCATION

---

- University Of Ottawa - Honors Bachelor of Science in Computer Science** Sept. 2021 - Dec. 2023
  - Dean's Honors List, Scholarship worth \$7000 for 80+ in all semesters — GPA: 8.31/10 *Ottawa, ON*
  - Relevant Courses: Data Structures and Algorithms, Design and Analysis of Algorithms (A-), Comp Architecture (A-), Database (A+), Analysis and Design of UI (A+), Software Engineering (A+), Intro to AI (A), OOP(A-)
- Sheridan College - Mechanical Engineering Designing and Drafting** Sept. 2016 - Sept. 2018
  - Scholarship worth \$4000 for 80+ in all semesters — GPA: 8.4/10 *Brampton, ON*

## EXPERIENCE

---

- Farm Link Solutions - GrainFox** Jan 2024 - Current *Ottawa, ON*
  - Software Engineer
    - Utilized Django ORM, to write SQL queries for insertion of scraped data into the database for grain collectors.
    - Created data pipelines for real-time pricing, by integrating automated web scrapping scripts using Selenium.
    - Developed retrievers and pre-processors for a unified data pipeline essential for gathering data for a ML model.
    - Applied Docker to set up microservice containers across diverse environments, including WSL, VM, while resolving version compatibility issues. Ensured smooth deployment, contributing to a modular and scalable architecture.
    - Crafted a Python script to gather, categorize, and merge relevant grain articles and integrated ChatGPT API to automate the morning newsletters.
    - Contributed to Scrum-based Agile projects through active participation in stand-ups and sprint reviews.
- GastroTrackAI** Oct 2023 - Dec 2023 *Ottawa, ON*
  - Web Developer - Intern
    - Customized the website theme using Material UI, incorporating responsive design, theming, styling, grid system, and typography. These enhancements contributed to a significant boost in user engagement.
    - Developed website's front-end using React, resulting in a 20% improvement in user interface and functionality.
    - Implemented SMTP protocol using Node.js to effectively send/ receive emails, enhancing efficiency by 15%.
    - Enabled transfer of text and images between client and server using nodemailer, enhancing overall communication.
- BVGlazing Systems** Nov 2018 - Oct 2023 *Vaughan, ON*
  - System Designer - Mechanical
    - Engineered over 15 interactive 3D models using VB.Net, resulting in engaging user simulations.
    - Orchestrated initial design, engineering, and testing of 5+ NAFS and code compliant window systems.

## PROJECTS

---

- Rate My Course**
  - A responsive web application, for students to rate and review over 10,000 uOttawa courses.
  - Engineered a dynamic search feature using JavaScript, allowing users to efficiently find and access course information, resulting in a 25% decrease in search time and enhancing the overall user experience.
  - Ensured secure user authentication and provided a user-friendly interface by integrating Google OAuth2 API, offering users a reliable login mechanism and an intuitive interface.
  - Improved data efficiency by leveraging PostgreSQL, managing and updating two essential tables, courses, and ratings, resulting in a 15% reduction in data retrieval time, improving system performance.
- Hotel Management Web Application**
  - Led a team of 3 students to create an interactive hotel management application handling 5 Hotel Chains.
  - Devised a user-friendly front-end UI using Bootstrap, and hosted the database using PostgreSQL
- Multi-server Queuing System Simulation**
  - Java-based simulation program for a Subway sandwich shop, utilizing real-time data from 100 customers.
  - Using 100 real-time data points, identified bottlenecks in the system and proposed 3 enhanced service delivery alternatives, reducing the overall wait time by more than 50% in each case.
- Course Booking Android Application**
  - Java-based application for universities with three user authentication profiles (Admin, Student, and Teacher).
  - Used MySQL and CRUD operations for db management. Implemented OOP concepts for modular code.

## TECHNICAL SKILLS

---

- Object Oriented Programming/ Web Dev::** Java, Python, HTML, CSS, Javascript (Node.js), SQL, VB.NET
- Frameworks, Libraries and Database Systems::** React, Bootstrap, Django, MySQL, PostgreSQL
- Tools:** GitHub, Docker, Linux Command Line, Selenium, Google OAuth2 API, PowerBI, Jira