

# 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) | Canadian Citizen

## EDUCATION

- University Of Ottawa - Honors Bachelor in Computer Science** Sept. 2021 - Dec. 2023  
• *Dean's Honors List, Scholarship worth \$7000 — GPA: 3.4/4* Ottawa, ON
- Sheridan College - Mechanical Engineering** Sept. 2016 - Aug. 2018  
• *Scholarship worth \$4000 — GPA: 3.4/4* Brampton, ON

## EXPERIENCE

- Farm Link Solutions - GrainFox** Jan 2024 - Current  
• *Software Engineer* Ottawa, ON
  - Utilized **Django ORM**, to write SQL queries for insertion of scraped data into the database for grain collectors.
  - Implemented **CI/CD practices** to automate data pipeline deployment and execution.
  - Used **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.
  - Created data pipelines for real-time pricing, by integrating **python web scrapping** scripts using **Selenium**.
  - Implemented custom Python retrievers and pre-processors leveraging **REST APIs** to streamline data gathering for our **unified data pipeline**. This process improved data quality for training our ML model.
  - Crafted Python scripts to gather, categorize articles, and integrated **ChatGPT API** to generate daily newsletters.
  - Implemented **Amazon S3** for scalable and secure object storage and **Amazon RDS** for relational databases.
  - Contributed to Scrum-based **Agile projects** through active participation in daily stand-ups and sprint reviews.
- GastroTrackAI** Sept 2023 - Dec 2023  
• *Web Developer - Intern* Ottawa, ON
  - Developed the entire website's front-end using **React**, resulting in a savings of \$149/month from Wix subscription.
  - Using **typescript** and **Material UI**, customized the website theme for better user engagement.
  - Developed **Node.js** (SMTP protocol) for email communication from web users, driving up web traffic by 10%.
  - Enabled transfer of text and images between client and server using nodemailer, enhancing overall communication.
- BVGlazing Systems** Sept 2018 - Sept 2023  
• *System Designer - Mechanical* Vaughan, ON
  - Designed, engineered and tested 5+ NAFS code-compliant window systems in **AutoCAD** and **Inventor**.
  - Engineered over 20 interactive 3D models using **VB.Net**, resulting in engaging user simulations.

## PROJECTS

- Rate My Course**
  - A responsive **Django** web application, for students to rate and review over 10,000 uOttawa courses.
  - Integrated **Google Sign-in via OAuth2 API**, fostering user trust and simplifying login experience.
  - Engineered a search feature using **JavaScript**, allowing users to efficiently find relevant courses.
  - Improved data retrieval efficiency by 15% through **PostgreSQL's** optimized relational tables.
- Course Booking Android Application**
  - Java-based** Android application for universities to enroll in courses built in **Android Studio**.
  - Used **PostgreSQL** for data storage and used **MySQL** queries to retrieve student, admin and course data.
  - Implemented **CRUD** operations for database management and utilized **OOP** concepts for modular code.
- JAVA Application for Subway**
  - Java-based** simulation program for a Subway sandwich shop, utilizing real-time data from 100 customers to identify bottlenecks and propose 3 enhanced alternatives to save time by more than 50%.

## TECHNICAL SKILLS

- Programming Languages:** Python, Java, VB.Net, C++
- Web Development & Scripting:** HTML, CSS, Javascript (Node.js)
- Databases & Frameworks/ Libraries:** SQL, MySQL, PostgreSQL, React, Bootstrap, Django
- Development Tools:** Git, Docker, Bash, AWS, Jira, Selenium, Google OAuth2 API, PowerBI, Datadog, Airflow.