

# Meet Mehta

mehtameet12@gmail.com | (365) 777-4146 | [Linkedin](#) | [Github](#)

## 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

- **Relevant Courses:** Design and Analysis of Algorithms, Comp Architecture, DB Management, UI/ UX Design, OOP

## TECHNICAL SKILLS

**Programming Languages:** Typescript, **Python**, Javascript, **Java**, SQL, VB.Net, C++

**Frontend:** Vue.js, **React.js**, HTML, CSS

**Backend:** Node.js, **Django**, REST API Development.

**Databases:** MySQL, **PostgreSQL**, MongoDB.

**Development Tools:** Datadog, **Docker**, Apache Airflow, Bash, **AWS**, Selenium, Google OAuth2 API, PowerBI.

**Version Control and AGILE:** GitHub, Jira.

## EXPERIENCE

### Software Engineer - Full Stack

Jan 2024 - Current

GrainFox

Remote, Canada

Application Development

Tech Stack: Javascript (Vue), PostgreSQL, Python

- Engineered frontend components using **Vue.js (Typescript)** and implemented backend features in JavaScript/Django for **SaaS** applications, enhancing user experience and functionality.
- Crafted custom Python scripts leveraging **REST APIs** to streamline data collection for **unified data pipeline**, improving data **quality by 25%** for training ML models.

Data Engineering

Tech Stack: Python, PostgreSQL

- Designed and optimized relational database models using **Django ORM** and SQL, reducing query latency by 15% while supporting seamless integration with cloud systems.
- Developed and optimized Django ORM queries, reducing database **query latency by 15%**, leading to faster application response times.

System Reliability & Deployment

Tech Stack: Docker, Python, DataDog

- Configured **PostgreSQL** performance monitoring through **DataDog**, identifying slow queries and improving uptime.
- Wrote **Django shell scripts** to execute database migrations and upgrade data models without downtime.
- Configured and sustained **CI/CD** pipelines to automate testing, building, and deployment processes, reducing deployment times by 50% ensuring faster and more reliable updates to applications.

### Software Engineer - Frontend

Sept 2023 - Dec 2023

GastroTrackAI

Ottawa, ON

- Designed entire website's front-end using **React (Typescript)**, resulting in a savings of \$149/month from Wix.
- Leveraged **TypeScript** and **Material UI** to tailor the website theme for better user experience.
- Developed **Node.js** (SMTP) based solution for promotional email communications, driving up web traffic by 10%.

## 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.
- Constructed **PostgreSQL** relational tables tailored for scalability in cloud-based environments, reducing query execution time by an average of **30 seconds per request**.

### LLM-Powered Web Scraper & Analyzer

- Developed an **end-to-end ETL pipeline** to scrape, process, and analyze Dev.to articles using Python, BeautifulSoup, and **OpenAI's API**.
- Implemented **NLP** tasks including summarization, keyword extraction, and **sentiment analysis**; structured results into JSON for downstream use.

### Community Detection using GNN

- Processed large-scale social network datasets to detect communities.
- Executed **feature engineering**, GNN model training, and clustering algorithms to identify communities.