

Meet Mehta

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mehtameet12.github.io/PersonalWebsite

EDUCATION

- University Of Ottawa - Honors Bachelor of Science in Computer Science** Ottawa, ON
 - *Dean's Honors List, Scholarship worth \$1000 for 80+ in all semesters — GPA: 8.31/10* Sept. 2021 - Dec. 2023
 - 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** Brampton, ON
 - *Scholarship worth \$1000 for 80+ in all semesters — GPA: 8.4/10* Sept. 2016 - Sept. 2018

EXPERIENCE

- GrainFox** Jan 2024 - Current
 - *Software Engineer* Ottawa, ON
 - Developed Python scripts using Selenium to automate web-based price scraping and data entry into the database.
 - Utilized Django ORM to write optimized queries for efficient insertion of scraped pricing data for grain collectors.
 - Real-Time Pricing: Integrated automated scripts with the Price Bid Map, enhancing real-time pricing visibility.
 - Exposed to the development of data pipelines for creating a chatbot using AI and LLM models.
 - Actively participated in daily stand-ups, contributing to product updates and engaging in code quality discussions.
 - Developed features adhering to industry standards, enhancing the readability and scalability of code.
- GastroTrackAI** Oct 2023 - Dec 2023
 - *Web Developer* Ottawa, ON
 - Led front-end development with React, resulting in a 20% improvement in website user interface and functionality.
 - Implemented SMTP protocol on the Node.js backend, enhancing communication efficiency by 15%.
 - Enabled seamless text and image sending from client to server using nodemailer, for improved communication.
 - Customized the website theme using Material UI, incorporating responsive design, theming and styling, grid system, and typography. These enhancements contributed to a significant boost in user experience.
- BVGlazing Systems** Nov 2018 - Current
 - *System Designer - Mechanical* Vaughan, ON
 - 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.
 - Implemented 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 to create a hotel management application handling 5 Hotel Chains.
 - Devised a user-friendly 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 the 100 real-time data points, identified bottlenecks and propose 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 Development:** Java, Python, HTML, CSS, Javascript (Node.js), SQL
- **Frameworks, Libraries and Database Systems::** React, Bootstrap, Django, MySQL, PostgreSQL
- **Tools:** GitHub, Docker, , Selenium, Google OAuth2 API, PowerBI, Jira, Linux Command Line