Pranay Gupta

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EDUCATION

McGill University | GPA: 3.76   Montreal, Quebec
Bachelor's in Computer Science & Psychology   *2018 – 2023*

EXPERIENCE

Full-stack Intern   June 2021 – August 2021
Delmar   *Daytona Beach, FL (Remote)*
- Build RESTful API to find high-energy consumption homes, creating new lead for the sales pipeline, adding 12 new clients.
- Contribute routes to back-end server and integrate API into SQL database.
- Modify admin dashboard to provide insights into customer shopping habits, increasing customer retention by 10%.

Software Developer Intern   June 2020 – August 2020
SOAIS   *Naperville, IL (Remote)*
- Develop automation scripts for order processing and notifications testing using Selenium.
- Assist clients with Oracle Cloud Infrastructure including setting Private cloud using Virtual Cloud Networks and partitioning CIDR blocks for subnets.
- Attend Sprint and Scrum reviews, work in an agile environment to deploy software and learn about the full SDLC.

Full-stack Developer   Ongoing
Mary Hill Market   *Port Coquitlam, BC*
- Develop full-stack website for a locally owned grocery store deployed using AWS to increase customer outreach by almost 15%.
- Set up CI/CD pipeline using github actions for automatic updates to the website.

Helpdesk Tutor   September 2022 – December 2022
Computer Science Undergraduate Society   *Montreal, QC*
- Provide peer tutoring for classes in the Department of Computer Science.
- Help students debug and review code, explain key concepts like software design patterns, Data Structures and Algorithms.
- Assist with coding assignments in Java, Python, x86 assembly and C.

PROJECTS

Gym Bot | *Node, discordJS, Javascript*
- Develop a discord bot to send reminder (with motivation GIF) to workout at set time (over 10 users).
- Use exercises API to create a workout plan on command and an option to choose muscle group.

Unmanned Aerial Vehicle Backend | *Java, Test-driven Development, Design Patterns*
- Develop Java backend for an Unmannned Aerial Vehicle, along with unit tests.
- Follows best practices in Software Design Patterns and Object-Oriented Principles.

FrontEnd-2-DB | *Selenium, Python, sqlite3*
- Create an automated script using Selenium with Python to scrape any media website.
- Convert collected data into SQL and add watch status column for easier tracking and manipulation.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript (ES6), Typescript, HTML, CSS, MATLAB, bash
Developer Technologies: React, Angular, Spring Boot, Node.js, Express.js, JUnit, Material-UI, Selenium
Miscellaneous: Linux/UNIX, AWS, Git, Oracle Cloud Infrastructure, Microsoft Visual Studio, NET, REST, CI/CD

COURSES & HONOURS

Select Courses: Data Structures & Algorithms, Software Design, Numerical Computing, Web Development
Honours: Dean's Honour List, Alma Mater Scholarship, French Language Centre Honour Roll