SARTHAK JAIN

Aspiring software engineer, eager to learn cutting-edge technologies to tackle real-world challenges and deliver meaningful solutions!

EDUCATION

University of Western Ontario – Bachelor of Software Engineering   **(2022-26)**
- First year GPA - 8.79/10
- Activities – Basketball Intramurals, Sunstang Solar Car club member, Western Rec

Earl Haig Secondary School – Ontario Secondary School Diploma   **(2020-22)**
- 12th Grade Average – 93% , 100% in Calculus and Programming
- Activities – Earl Haig chess club and Earl Haig programming club member

WORK EXPERIENCE

OmniCard Financial Services, Noida, Uttar Pradesh, India   **(May - Sep 2023)**
Interned as a Back End Developer
- Interned at a fin-tech start up that provides a bank-independent payment platform with over a million users and around 1M+ daily transactions.
- Designed and implemented a spring boot project that serves as a robust Enterprise Mgmt. System, providing RESTful APIs to perform CRUD operations. Demonstrates robust implementation of the Controller, Service, Repository and DTO architecture. Includes functionalities like authentication, pagination and sorting, exception handling, custom responses, Many-To-One mapping and more
- Designed and wrote code snippets that were used in UAT and dev environments
- Performed testing and analysis of the OmniCard app and the Enterprise Management solution and wrote API documentation for the same.
- Used Burp Suite to trigger and analyze APIs and wrote a tech write-up of the back-end flow.

Tech Stack: Java, Spring Boot, DSA, JWT, Auth 2.0, MySQL, RESTful APIs, Hibernate, JPA, JDBC, Tomcat

JP Morgan Chase, Virtual Internship   **(June 2021 – Feb 2022)**
Virtual Engineering program
- Analyzed and refined existing code to interact with stock data and use data analytics to highlight potential trading opportunities.
- Implemented Perspective, an analytics web component for data visualization.

Tech Stack: Python, Git, Perspective

Superprof Tutoring Services   **(Nov 2022 – April 2023)**
Student Tutor and Course Co-Ordinator
- Conducted one-on-one tutoring sessions with students from G11-12 and taught them fundamentals in Math and Physics

PROJECTS

- **Web Scraping Working Prototype –** Made an automated web scraper using Python, Selenium, Pandas and Webdriver to scrape product details from a website as per client requirements.

- **Western SunStang Solar Car –** Part of the Software team, responsible for designing and implementing the working of headlights, horn and steering of the car. Used Python (Socket Library) , C, C++, STM32

- **Deutsch101.ca -** Designed a website for my aunt to advertise her German lessons. Used HTML, CSS, JS and Node framework.

CONTACT

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