



SARTHAK JAIN

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

Education

Western University - B.Eng in Software (GPA: 3.9/4.0)

Sep. 2022 – May 2026

Western Cybersecurity Club, Sunstang Solar Car Club, Basketball Intramurals

London, Ontario

Technical Skills and Frameworks

Languages: Java, Python, C, C++, Apex, JavaScript, HTML, CSS

Frameworks: Spring Boot, React, Express, Node.js, RESTful APIs, Hibernate, Tomcat, JDBC, JPA, JUnit Testing, Mockito, Selenium, Pandas, TensorFlow, Postman, Burpsuite.

Tools and Libraries: Salesforce, Git, Maven, AWS elastic beanstalk, Perspective, SQL, MongoDB

Certifications

Microsoft: Azure Fundamentals Certification (Pursuing)

Cisco : CPA programming essentials in C++, Introduction to IoT

Udemy: Python Bootcamp, Machine Learning, AI and Data Science with Python,

Experience

Manulife

Jan 2024 – April 2024

Salesforce Developer Intern

Waterloo, Canada

- Worked extensively with **Lightning Experience**, **VS Code**, **Apex**, and integrating **Microservices** through **APIs**.
- Collaborated with cross-functional teams to understand business requirements and translate them into Salesforce enhancements and features.
- Engaged in the full SDLC, from design and testing to deployment, ensuring alignment with business needs.
- Gained hands-on experience with **Node.js**, **GraphQL**, **Kafka**, **NiFi**, and **Azure services**.

Tech Stack: Salesforce Development and Administration, Apex, Microservices, Node.js, GraphQL, Jira, Confluence, Azure Omnicard Financial Services

June 2023 – September 2023

Software Engineer Intern

Noida, India

- 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** architecture. Includes functionalities like authentication, pagination and sorting, exception handling and more.
- Designed and wrote code snippets that were used in **UAT and dev** environments.
- Completed **testing, analysis and documentation** for the OmniCard app and Enterprise solution.
- Used **Burp Suite** to trigger and analyze APIs and wrote a tech write-up of the back-end flow

Tech Stack: Java, SpringBoot, Data Structures and Algorithms, JWT, Auth 2.0, MySQL, RESTful APIs, Hibernate, JPA, JDBC, Tomcat, Spring MVC, Spring Security, Burp Suite, Charles Proxy, Postman, Agile and Scrum

JP Morgan Chase - Software Intern

June 2021– February 2022

Virtual Engineering Program

Remote

- 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 that helps traders use graphs to compare and analyze correlated stocks.

Tech Stack: Python, Git, Perspective

Projects

Ignition Hacks - Hackathon

August 2023

- Created a **React-based** AI travel planner utilizing **JavaScript** and multiple APIs like **Open AI** and **Google Maps** to provide users with comprehensive details on hotels, restaurants, and a personalized itinerary for their dream vacations.

Metro Commuter Assitant

September 2023

- Comprehensive route planner for the Delhi Metro that maximizes ease of use and efficiently displays the path, stations, interchanges that the user should know. Also has an **API** that can be outsourced to apps like Google Assistant etc. Built with **Javascript** and Frameworks like **React** and **Node js** and uses **Dijkstra's** algorithm and **backtracking** algorithms.