

Siddik Aiyub Patel

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🔗 <https://leetcode.com/siddikpatel12> 🔗 <https://siddikpatel.github.io/Portfolio/>

EDUCATION

Master of Applied Computer Science

Dalhousie University

Sep 2024 – present

Bachelor of Engineering

T. John Institute of Technology | GPA 9.21 / 10

Aug 2019 – Jun 2023

- Learned about database development, network architecture, programming languages, automata theory, machine learning, computer graphics.

EXPERIENCE

Independent Freelancer

- Implemented several clients' projects related to Spring Boot on Upwork (freelancing platform).

Jun 2023 – Aug 2024

Full Stack Web Developer Intern

Sain Informatix Pvt. Ltd.

- Developed a website's front-end using HTML, CSS and JavaScript, and the back-end with Python and Django.

Aug 2022 – Sep 2022

PROJECTS

Play With Waste

- Built a cross-platform mobile application using that scans a picture, identifies material in it and provides appropriate tips to dispose or recycle that material.
- Used Context for state management using **TypeScript** and ML model API for image classification.

Jan 2025 – Apr 2025

Software Dependency Visualizer

- Developed a full-stack web application using **React.js** and **Spring Boot** to help users **visualize internal and external dependencies** within JAR files.
- Integrated the **ASM library** to efficiently extract dependencies from JAR files.
- Implemented interactive visualizations using **Dagre** and **XyFlow libraries** for dependency graphs.
- Used **Firebase** for user-specific project storage

Sep 2024 – Dec 2024

Library.org

- Developed the front-end of the website using React.js and the back-end using Java & Spring Boot.
- Utilized **Okta authentication**, **stripe payments**, **JPA**, and **HTTPS** service for secure communication.

Dec 2023 – Feb 2024

SKILLS

Programming Languages:

Java, C, Python
HTML, CSS, JavaScript

Tools / Frameworks:

Spring Boot, React.js, Thymeleaf,
Java Server Pages

Others:

MySQL, Git, Data Structures and Algorithms

CERTIFICATES

Full Stack - Using React.js and Spring Boot

by Udemy (Feb - 2024)

Azure Fundamentals

by Microsoft (Apr - 2024)

Spring 6 and Spring Boot 3

by Udemy (Nov - 2023)

Using Python to Interact with the Operating System

by Google (Oct - 2021)

CS50x

by Harvard University
(Oct - 2020)