

# Siddik Aiyub Patel

✉ patel.siddik369@gmail.com    ☎ +1 (782) 882-6401    🔗 linkedin.com/in/siddik-patel-24306721b    🐙 github.com/Siddikpatel  
🔗 siddikpatel.github.io/Portfolio/    🏠 upwork.com/freelancers/~016d636c71697dcf44

## EDUCATION

<b>Dalhousie University</b> Master of Applied Computer Science	Sep 2024 – present Halifax, Canada
<b>T. John Institute of Technology</b> Bachelor of Engineering in Computer Science & Engineering GPA: 9.21 / 10	Aug 2019 – Jun 2023 Bangalore, India

## EXPERIENCE

<b>Independent Freelancer</b> Upwork	Jun 2023 – Aug 2024 Remote
<ul style="list-style-type: none"><li>- Resolved bugs in clients' Spring Boot applications, ensuring robust JDBC connectivity and seamless database interactions.</li></ul>	
<b>Full Stack Web Developer Intern</b> Sain Informatix Pvt. Ltd.	Aug 2022 – Sep 2022 Bangalore, India
<ul style="list-style-type: none"><li>- Built dynamic and responsive front-end interfaces using HTML, CSS, and JavaScript, and developed robust back-end functionality with Python and Django to support core application features.</li></ul>	

## PROJECTS

<b>AI Code Assistant</b> AWS   Python   RAG Architecture	May 2025 – Jun 2025
<ul style="list-style-type: none"><li>- Designed an AI-powered code assistant using AWS SageMaker and RAG architecture for intelligent code understanding and retrieval.</li><li>- Implemented a scalable serverless workflow using AWS Lambda, S3, and SQS to handle code uploads and trigger parallel processing with threaded Python backends.</li><li>- Managed secure cloud infrastructure by configuring IAM roles and policies for fine-grained access control across AWS services.</li></ul>	
<b>Play With Waste</b> TypeScript   React Native	Jan 2025 – Apr 2025
<ul style="list-style-type: none"><li>- Built a cross-platform mobile application using React Native that allows users to scan images of waste materials, identify them using an ML model API, and receive disposal or recycling tips.</li><li>- Utilized React Context API for efficient global state management, enabling a responsive and consistent user experience across the app.</li><li>- Designed intuitive UI components with React Native Elements and ensured smooth navigation using React Navigation.</li></ul>	
<b>Audiobook Maker</b> JavaScript   React.js   AWS   Docker	Jan 2025 – Apr 2025
<ul style="list-style-type: none"><li>- Developed a cloud native web application that converts text to audio and emails the link of the audio file to the user.</li><li>- Utilised IaC capabilities using CloudFormation file to automate resource deployment.</li><li>- Performed monitoring and cost analysis for each service to reduce costs.</li></ul>	
<b>Software Dependency Visualizer</b> Java   JavaScript   React.js   Spring Boot   Firebase	Sep 2024 – Dec 2024
<ul style="list-style-type: none"><li>- Developed a web application to help users visualize internal and external dependencies within JAR files.</li><li>- Integrated the ASM library to efficiently extract dependencies from JAR files.</li><li>- Implemented interactive visualizations using Dagre and XyFlow libraries for dependency graphs.</li><li>- Leveraged Firebase for user-specific data storage.</li></ul>	

## SKILLS

**Languages:** Java, C, Python, JavaScript, HTML/CSS, SQL  
**Frameworks:** Spring Boot, React, Thymeleaf, JavaServer Pages  
**Developer Tools:** Git, Docker, AWS, VS Code, IntelliJ  
**Interests:** Reading, Running, Volunteering, Hiking, Travelling