

MIA (FATHIMA) SHAJAHAN

90 Crockhamhill Dr, Scarborough, Toronto, ON

416-830-1533 | fathimas0207@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#)

PROFILE

Full-Stack Developer with experience in **frontend** and **backend** development. Proficient in **React**, **Django**, and **SQL**, with a focus on building web applications, integrating **REST APIs**, and implementing authentication systems. Experienced in collaborating on team projects and contributing to the success of group efforts.

SKILLS

- **Programming Languages:** Python, Java, C++, JavaScript, TypeScript
 - **Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS
 - **Backend:** Django, Python, REST APIs
 - **Databases:** PostgreSQL, MySQL, SQL
 - **Security:** Authentication systems, Encryption (Fernet, SHA-256)
-

WORK EXPERIENCE

Software Support Intern

Infotech Computers, India

July 2023 – Nov 2023

- Assisted in troubleshooting software and system issues for internal users.
- Updated and optimized backend inventory databases, improving data retrieval times by **20%** through automation scripts.
- Documented and tracked **100+** technical issues, collaborating with a development team to implement system improvements that reduced recurring issues by **15%**.

Volunteer Web Assistant

Quilon Social Service Charity Trust, India

May 2022 – Oct 2022

- Designed and developed web pages for events using **HTML**, **CSS**, and **JavaScript**.
 - Built **5+** user registration forms, streamlining the backend data collection process and reducing manual data entry by **30%**.
 - Collaborated with a team to integrate frontend and backend systems, ensuring seamless data flow and reducing errors in event tracking by **15%**.
-

EDUCATION

Bachelor of Engineering in Software Engineering

Jan 2024 – Present

Seneca Polytechnic College – Toronto

Relevant Coursework:

Software Development and Deployment, Web Programming and Scripting, Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS)

PROJECTS

Secure File Sharing Platform (SHF)

React • Django • PostgreSQL • Fernet Encryption

[GitHub Link](#) | [Live Link](#)

- Developed a **secure file-sharing system** with **Django** backend and **React** frontend, utilizing **RESTful APIs** for smooth data transfer between the frontend and backend.
- Implemented **user authentication** (registration and login) with session-based access control, ensuring secure access to file storage.
- Designed and integrated **full CRUD operations** for file management, with data encryption using **Fernet**, ensuring secure storage and file integrity.
- Built a **responsive admin dashboard** with features such as **live previews**, **file type filtering**, and **animated UI components** to enhance the user experience.
- **Git** was used for version control and team collaboration.

Inventory Management System with Barcode Scanner

React • Django • PostgreSQL • HTML5-qrcode

[GitHub Link](#) | [Live Link](#)

- Built a full-stack inventory system supporting CRUD operations on products with real-time stock updates.
- Integrated barcode scanning using webcam and scanner libraries for product lookup and registration.
- Implemented **scan history logging** with timestamps and source tracking, providing transparency and traceability in product management.
- Added **alert logic** for low and critical stock thresholds, reducing stock-outs by alerting the team proactively.
- Used **Git** for version control, ensuring smooth code management.

Certifications

Diploma in Computer Application

May 2023 – Oct 2023

Infotech Computers – India

Competitions & Activities

Software Engineering Competition 2024

Nov 2024

Seneca Polytechnic College

- Designed an interactive web application that visualizes the long-term impact of users' financial decisions over a 10-year period.
- Collaborated with a team to implement real-time data projections, intuitive UI, and responsive charts using JavaScript and React.

Tech Community Volunteer

June 2023

Infotech Computers

- Assisted beginner programmers in learning basic web development (HTML, CSS, JavaScript) during weekend workshops.
- Provided one-on-one mentorship and helped debug projects, fostering a supportive learning environment.