

# Saifur Sabbir

US Citizen | (313) 455-6252 | [srsabbir206@gmail.com](mailto:srsabbir206@gmail.com) | <https://www.linkedin.com/in/saifur-sabbir-591981288/> | <https://sabbir999.github.io/portfolio/>

## EDUCATION

Wayne State University, Detroit, MI

Graduation: May 2025

Bachelor of Science, Computer Science

- **GPA:** 3.97
- **Coursework:** Data Structures and Algorithms, Computer Architecture, Database Management, Software Engineering, Linear Algebra, Operating Systems, Theoretical Computation, Capstone Project, Artificial Intelligence

## EXPERIENCE

CareConnect

Sep 2024 - Dec 2024

Software Engineer Intern

Detroit, MI

- Collaborated with cross-functional teams to design and implement integrated front-end and back-end features, ensuring scalable application performance.
- Developed a feature that connected users with professionals and enabled seamless peer-to-peer communication.
- Integrated databases, REST APIs, and full-stack frameworks to support product functionalities and optimize performance.
- Managed and optimized databases using SQL to enable interaction between web applications and backend data storage
- Utilized JavaScript, Django, React.js, and Git to deliver robust, maintainable, and scalable solutions
- Applied agile methodologies to optimize team communication and accelerate software engineering tasks.

## PROJECTS

AI-Study-Assistant [Code]

July 2025 – Present

- Built a web-based study platform generating AI-powered flashcards, quizzes, and content summaries using OpenAI GPT-4o API.
- Developed educational games, including category sorting, flag guessing, and vocabulary quizzes to enhance engagement and learning.
- Built Firebase backend with Realtime Database, Authentication, and Cloud Functions for seamless user data, login, and content.
- Utilized React.js, Redux, Firebase, and OpenAI GPT-4o Mini API to deliver a scalable, user-friendly platform.

GroceryPro - Smart Grocery Price Finder [Code]

Jan 2025 – May 2025

- Developed a web application that helps users find the cheapest prices across different stores, enabling users to create personalized grocery lists, track prices, and compare real-time product prices across stores.
- Used Selenium to scrape real-time prices and stored 3,000+ grocery products' information with 95% data accuracy.
- Utilized React for frontend development, Django for backend services, PostgreSQL for database management, and Django REST Framework to build RESTful APIs.

Mini Version Control System [Code]

Aug 2023 – Dec 2023

- Developed a Git-like mini version control system from scratch in C++ using filesystem operations
- Implemented core VCS features: repository initialization, staging area, commit history, and version reverting
- Built a command-line interface (CLI) that supports version control operations such as init, add, commit, revert, and log.
- Applied object-oriented principles by modeling commits as nodes in a linked list, enabling version history.

## TECHNICAL Skills

- **Programming Languages:** Java, Python, C++, C, C#, .NET, SQL, PostgreSQL,
- **Web Development:** HTML, CSS, JavaScript, TypeScript, React.js, Django, Flask, Node.js, Express.js, REST APIs,
- **Databases:** SQL Database, MySQL, SSMS, MongoDB,
- **Cloud Technologies & Services:** AWS, Azure, Google Cloud Platform, Firebase
- **Version Control:** Git, GitHub, GitHub Actions,
- **Integrated Development Environments:** Visual Studio Code, Visual Studio 2022/2019, JetBrains, MATLAB, Eclipse IDE

## ACHIEVEMENTS

- Awarded **Dean's List honors for eight consecutive semesters** in recognition of sustained academic excellence.
- Graduated **Summa Cum Laude**, reflecting top academic achievement in the graduating class.