

Tanvir R. Patwary

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EDUCATION

Georgia Institute of Technology

Atlanta, Georgia

B.S. in Computer Engineering

Expected Graduation, Dec 2026

- **Concentrations:** Distributed System & Software Design and Devices
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Object-Oriented Programming

EXPERIENCE

Georgia Environmental Protection Division

Atlanta, Georgia

Software Engineer Intern

May 2024 – Jan 2025

- Developed and deployed front-end features using JavaScript and .NET, streamlining production updates
- Collaborated with a cross-functional team to implement features for an internal application
- Executed comprehensive unit tests to ensure web application reliability and performance

Mobil

Atlanta, Georgia

Bookkeeper

Jan 2018 – May 2024

- Maintained and updated financial records—including ledgers, journals, and statements—to ensure data accuracy
- Managed accounts payable, processed invoices, and coordinated vendor payments efficiently
- Prepared monthly, quarterly, and annual financial reports, providing key insights of decision-making

PROJECTS

Weather App

Atlanta, Georgia

Personal Project

Nov 2023 – Jan 2024

- Independently conceived, designed, and implemented a weather application using Flutter and Dart
- Implemented dynamic animations to enhance the user interface based on weather conditions
- Integrated a weather API for accurate and real-time weather data

Coffee Shop Application

Atlanta, Georgia

Personal Project

Nov 2024 – Present

- Developed Node.js/Express backend with ES modules connected to MySQL via Sequelize for scalability
- Implemented secure authentication with JWT and configured CORS for seamless frontend-backend integration
- Utilized Vitest for testing and structured Sequelize models for clean, maintainable, production-ready code

Friends to the Forlorn

Dallas, Georgia

Team Member

May 2023 – Jun 2023

- Enhanced Friends to the Forlorn's digital presence via website redesign and mobile app prototyping
- Conducted stakeholder interviews, research, and competitive analysis to drive design decisions.
- Developed wireframes, user tests, and a high-fidelity prototype to boost UX and increase traffic

ACTIVITIES AND LEADERSHIP

Muslim Student Association

Atlanta, Georgia

Member

Aug 2021 – Current

- Contributed to religious events and actively participated in community service, serving meals to the community during the Islamic month of Ramadan

Georgia Tech Esports Club

Atlanta, Georgia

Coordinator

Aug 2021 – Current

- Coordinated, attended and organized events within the Esports community, fostering an active and engaged community environment

SKILLS

Programming: C#, .NET, JavaScript, Python, Java, HTML/CSS, Dart, SQL

Libraries & Tools: ASP.NET Razor Pages, Tailwind CSS, Bootstrap, Flutter, Node.js/Express, MySQL, Sequelize, JWT, Vitest, Git, GitHub, Visual Studio, Visual Studio Code, Microsoft SQL Server, Adobe Creative Suite, Figma