

Tanvir R. Patwary

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EDUCATION

Georgia State University

B.S. in Computer Science

Atlanta, Georgia

Expected May 2027

- **Concentrations:** Distributed System & Software Design and Devices

- **Related Coursework:** Data Structures & Algorithms, System Design, Computer Organization & Programming, Object-Oriented Programming

Florida Southwestern State College

A.A. in Computer Information Systems

Fort Myers, Florida

Jul 2019 - Jan 2021

- Dean's List 2021
- Dean's List 2020

PROFESSIONAL EXPERIENCE

Georgia Environmental Protection Division

Atlanta, Georgia

Software Engineer Intern

May 2024 – Jan 2025

- Developed and maintained .NET applications using C# and JavaScript frameworks resolving 20+ weekly software issues
- Implemented comprehensive unit testing with NUnit framework, executing 100+ tests and increasing application reliability by 25%
- Created technical documentation for 15+ system procedures, reducing onboarding time for new and future team members
- Deployed applications to AWS cloud infrastructure, maintaining 95% system uptime and ensuring scalable performance
- Collaborated with 8-member cross-functional team using Visual Studio for development and Git for version control

PROJECTS

Weather App

Atlanta, Georgia

Personal Project

Nov 2023 – Jan 2024

- Built responsive Flutter mobile application serving real-time weather data for 5+ cities
- Implemented dynamic UI animations that adapt based on weather conditions
- Integrated RESTful weather API with 99% uptime for accurate data delivery

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 JWT-based authentication system with 99.9% security compliance
- Achieved 95% code coverage using Vitest testing framework

ACTIVITIES AND LEADERSHIP

Georgia State University Esports Club

Atlanta, Georgia

Coordinator

Current

- Managed IT infrastructure for 200+ member events, including hardware setup and network troubleshooting
- Provided on-site technical support and resolved connectivity issues during competitive gaming events
- Coordinated with 5+ vendors and maintained \$10,000+ equipment inventory

CERTIFICATIONS

In Progress

- CompTIA A+ Core 1 & 2 (Expected Nov 2025)
- AWS Certified Developer (Expected Jan 2025)

SKILLS

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

Cloud & Infrastructure: AWS, Visual Studio, Git/GitHub, Windows Server

Testing & Quality: NUnit, Unit Testing, Test-Driven Development

Databases: MySQL, Microsoft SQL Server, Microsoft Access

Development Tools: Remote Desktop, System Center