Tashan Gillem

Cincinnati, OH | Relocating to Chicago, IL

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EDUCATION

University of Cincinnati — August 2019 – May 2024
Bachelor of Science in Computer Engineering — *GPA: 3.5/4.0*
- Relevant Coursework: Data Structures, Computer Architecture, Cloud Computing, Embedded Systems, Advanced Software Engineering, Operating Systems

EXPERIENCE

Western & Southern Financial Group — June 2024 – Present
Software Developer
- Architected centralized .NET Core logging API across 100+ repositories, reducing debugging time from 30-60 minutes to instant issue identification
- Led ASP.NET MVC to Blazor migration for enterprise portal serving 20+ users, mentoring 4 developers on modern frameworks and UI/UX standards
- Established TFS CI/CD pipelines and IIS deployment across DEV/TEST/PROD environments, creating documentation standards for development team workflows
- Conducted parallel testing of 30+ C#/.NET batch jobs for Field Payroll System production rollout, ensuring seamless migration from mainframe architecture
- Developed .NET Core REST APIs using Entity Framework CRUD operations and lifecycle management, integrating SQL databases with XUnit testing implementation

Western & Southern Financial Group — January 2023 – April 2024
Software Developer Intern
- Developed 5 C#/.NET Core batch jobs for Field Payroll System modernization, migrating 8+ business-critical processes from legacy COBOL mainframe architecture
- Enhanced ASP.NET portal with SQL database integration, replacing scheduled email reports with real-time data tables for agent history management

Altamira Technologies — June 2021 – August 2022
Software Engineer Intern (Three Co-op Rotations)
- Built frontend components with Angular/Vue.js and Go backend features for 3 government web applications, implementing user feedback-driven improvements
- Automated CI/CD deployment pipelines using Jenkins and Docker, creating 10+ automated build-and-release workflows for test and production environments
- Contributed to microservices-based architecture migration, ensuring API reliability and modular deployment across environments

PROJECTS

Indoor Positioning Tracker | *Python, Flask, C++, ESP32, JavaScript*
GitHub: gillemta/indoor-positioning-tracker
- Engineered real-time indoor tracking system using 5 ESP32 devices with Ultra-wideband technology, creating $50-per-device alternative to $1,500 collision avoidance systems
- Built Python Flask dashboard with triangulation algorithms to monitor positioning data and trigger safety alerts in confined warehouse environments

Java REST API Mini Project | *Java, Spring Boot, SQL*
GitHub: gillemta/springboot-cart-api (coming soon)
- Developing a lightweight REST API in Java Spring Boot for a sample e-commerce cart system (CRUD operations for products, users, and orders)
- Integrated SQL database, unit tests with JUnit, deployed locally & on Azure App Service

TECHNICAL SKILLS

Languages: C#, Java, Python, SQL, JavaScript, C++, Go
Frameworks: .NET Core, Spring Boot, Node.js, Flask, Express, Angular, Spark
Developer Tools: Git, Docker, Azure, AWS, Jenkins, Jira