Tashan Gillem

Cincinnati, OH | Relocating to Chicago, IL
tashan.gillem@gmail.com | tashangillem.vercel.app | linkedin.com/in/tashan-gillem | github.com/gillemta

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, Operating Systems

Experience

Western & Southern Financial Group June 2024 – Present
Software Developer
- Built and injected .NET Core logging API into 100+ repositories, cutting debugging cycles from 30–60 minutes to near-instant issue tracing
- Led ASP.NET MVC → Blazor migration for enterprise portal supporting 20+ users, mentoring peers and junior engineer on modern frameworks
- Implemented CI/CD pipelines in TFS and IIS across DEV/TEST/PROD, standardizing deployment workflows and improving release reliability
- Executed parallel testing for 30+ batch jobs in Field Payroll System rollout, ensuring seamless transition from mainframe to cloud-first systems
- Developed .NET Core REST APIs with EF CRUD ops and XUnit tests, integrating payroll, agent, and financial data for cross-team accessibility

Western & Southern Financial Group January 2023 – April 2024
Software Developer Intern
- Created 5 C#/.NET Core batch jobs to modernize payroll, migrating 8+ legacy COBOL processes into scalable cloud-ready workflows
- Enhanced ASP.NET portal with SQL-backed real-time tables, replacing scheduled email reports for immediate agent data access

Altamira Technologies June 2021 – August 2022
Software Engineer Intern (Three Co-op Rotations)
- Developed Angular/Vue.js components and Go services for 3 government apps, driving user-focused UI/UX improvements
- Automated 10+ CI/CD pipelines with Jenkins and Docker, streamlining builds and deployments across test and production
- Supported migration to microservices architecture, boosting API reliability and modular deployment flexibility

Projects

Indoor Positioning Tracker | *React, JavaScript, C++, ESP32*
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 responsive React web application for ESP32 indoor positioning system, implementing real-time collision detection and Canvas API visualization for warehouse tag tracking with configurable safety zones

Bug Likelihood Ranker | *Python, LightGBM, Scikit-Learn, Pandas*
GitHub: gillemta/bug-likelihood-ranker
- Implemented Learning-to-Rank model using LightGBM to predict bug-prone files from 1,500 commits in Cal.com repository, transitioning debugging from reactive to proactive
- Achieved 85.5% precision and 73.8% accuracy through feature extraction of commit metadata, timing analysis, and keyword processing of commit messages

Technical Skills

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