

George Gilmartin

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EXPERIENCE

N3TWORK Studios

Senior Software Engineer | NOVEMBER 2023 - PRESENT

Triumph: Go Infinite — Mobile RPG

Technologies: Java/Spring/Gradle, C#, Python, Go, AWS, Redis, DynamoDB, Thrift, TestNG

Summary: Contributed to the back-end development of Triumph, an online mobile RPG featuring hero and gear collection, engaging weekly events, and dynamic gameplay designed to captivate players and drive user retention.

- Supported soft-launch with 2,000+ daily active users
- Reduced simulation server packet size by 84%
- Reduced server game configuration file size by 73%
- Reduced game client configuration file size by 25%
- Implemented Customer Support tooling in React

AT&T

Senior Software Engineer | DECEMBER 2022 - NOVEMBER 2023

Professional Software Engineer | DECEMBER 2020 - DECEMBER 2022

Sr. Specialist Software Engineer | SEPTEMBER 2018 - DECEMBER 2020

Associate Software Engineer | JUNE 2017 - SEPTEMBER 2018

Enterprise Architecture and Software Enablement — MechID Bot

Technologies: Java/Spring/Maven, microServices, Azure, Sonar, junit

Summary: Led the MechID Bot project, an enterprise monitoring solution that tracks expiring items like passwords and SSL certificates, providing configurable alerts to ensure timely renewals and enhanced operational efficiency.

- Improved efficiency of batch job application by 500%
- Improved companywide site reliability by emailing/messaging teams of expiring credentials
- Lead design discussions for scalability, resiliency, and maintainability

Event Driven Architecture — Message Queue Bridge

Technologies: Java/Spring/Maven, microServices, Azure, junit, Kubernetes/Helm, Kafka

Summary: Led the Message Queue Bridge project, leveraging Kafka and the adapter design pattern to enable seamless communication between on-premise and cloud-based applications in an event-driven architecture.

- Reduced company costs by \$10M+ YoY by migrating to Azure Cloud
- Designed event driven architecture for real-time cross communication between Azure apps and on-premises apps
- Created processes and policies around team coding standards
- Lead design discussions for scalability, resiliency, and maintainability

EDUCATION

B.S. Computer Science

University of Missouri, 2012 - 2017

B.S. Information Technology

University of Missouri, 2012 - 2017

Minor in Business

University of Missouri, 2012 - 2017

Minor in Mathematics

University of Missouri, 2012 - 2017

SKILLS

Java / Spring (7 years)

Backend Development (7 years)

API Development (7 years)

Web Development (5 years)

Full Stack Development (5 years)

CERTIFICATIONS

SAFe 4 Agilist:

Skilled in implementing Lean-Agile principles, driving enterprise-level agility, and facilitating program-level alignment for continuous value delivery.

MongoDB Developer:

Certified expertise in building and managing scalable, high-performance database solutions, including schema design, aggregation frameworks, indexing, and performance optimization.

9-1-1 — Public Safety Platform

Technologies: Java/Spring/Maven, Oracle SQL, Redis, JUnit, Jenkins, Kubernetes

Summary: Contributed to the development of the E911 Public Safety Platform, enabling E911 services in the USA by delivering accurate location data of cell phones and landlines to Public Safety Answering Points (PSAPs).

- Reduced company costs by \$21M+ YoY by developing 9-1-1 services in-house
- Ensured location delivery information to 9-1-1 service was accurate, had 99.999% uptime, and delivered in under 1 second SLA
- Created interfaces to E2 and PAM Wireless location delivery protocols
- Ensured completion of MVP and support for future regions

Financial Operations — Bolt

Technologies: Java/Spring/Maven, AngularJS, HTML/CSS, Oracle SQL, Sonar, JUnit, Jenkins

Summary: Contributed to the development of Bolt, a comprehensive financial tool for tracking PTO, time entry, financial forecasts, and billing, streamlining resource management and financial planning processes.

- Implemented front end changes in Angular
- Implemented back end changes in Java/Spring
- Implemented Quartz jobs and Agents for continuous integration
- Improved code test coverage by writing JUnit tests (90%+)
- Assisted with deployments using Jenkins for CI/CD