

Maurice Johnson

203-873-8099 • maurice.johnson9911@gmail.com

Profile:

Results-driven Senior Software Engineer with 8+ years of experience, specializing in building scalable Java enterprise solutions. Known for delivering high-quality software on time in fast-paced environments, thriving in both independent and collaborative settings, and leveraging strong technical expertise alongside effective communication skills to drive project success.

Technical Expertise:

Programming Languages: Java, JavaScript, Python, HTML, CSS

Frameworks & Libraries: Spring Boot, Maven, Hibernate, jQuery, Bootstrap, React, Flutter, React Native, Expo

Databases: Oracle, SQL Server, MySQL

Tools & Technologies: Docker, OpenShift, AWS ECS, Apache Tomcat, Github, Subversion, Jenkins, Nginx, IntelliJ IDEA, Eclipse, ArcMap, ArcGIS Pro, Grafana, Github Actions, VS Code

Test Automation: Selenium, Karate

Development Methodologies: Agile, Scrum, DevOps, SDLC

Operating Systems: Microsoft Windows, Microsoft Windows Server, MacOS, Ubuntu Server, Raspberry Pi OS

AI Tools: Github Copilot, Microsoft Copilot, Claude Code, ChatGPT

Experience:

■ **Oddball, McLean, VA**

Senior Software Engineer

August 2025 – Present

- Implemented new API endpoints and maintained existing backend services in Java/Spring Boot supporting MyHealtheVet, the United States Department of Veteran Affairs primary health portal for millions of Veterans.
- Led Java and library upgrades across backend services, ensuring dependency compatibility, security patch compliance, and long-term maintainability.
- Authored and expanded unit and integration test suites, improving code coverage and reducing regression risk across critical Veteran-facing workflows.
- Instrumented backend services with Grafana metrics, improving observability and enabling data-driven performance monitoring in production.
- Performed ongoing maintenance and technical debt reduction across a large-scale, federally regulated codebase serving millions of users.
- Collaborated with cross-functional agile teams including VA product owners and engineers to deliver backend changes aligned with healthcare compliance requirements.

■ **The Hartford Financial Services Group, Hartford, CT**

Software Engineer, Enterprise Risk Management

June 2022 – August 2025

- Designed and implemented backend services using Java (Spring Boot) to support enterprise risk models, improving system throughput by 30%.
- Refactored monolithic logic into Java microservices, reducing deployment risks and improving feature delivery speed by 25%.
- Wrote Python scripts to automate data refreshes, generate system usage stats, and trigger alerts for stale or failed jobs — cutting manual monitoring by 10+ hours/week.
- Developed a set of lightweight Python tools to support internal operational tasks like report generation and log archiving.
- Helped reduce mean time to resolution (MTTR) by 40% by improving logs and building lightweight Python-based monitoring checks.
- Authored internal documentation and onboarding guides, helping new engineers become productive in under a week.

■ **The Hartford Financial Services Group, Hartford, CT**

Associate Software Engineer, Enterprise Risk Management

September 2019 – May 2022

- Built robust backend microservices using Java (Spring Boot) to power risk management workflows, improving performance and maintainability of critical internal systems.
- Used Python to automate daily backend processes, including data refreshes, alerts, and scheduled usage reporting for analysts and team leads.
- Contributed to frontend efforts using JavaScript, jQuery, and React for internal dashboards and tools, improving usability and bug responsiveness.
- Wrote thorough unit and automated tests using JUnit and Selenium, helping boost deployment confidence and reduce bugs in production.
- Participated in Agile sprints, sprint planning, and retrospectives, contributing to a high-velocity DevOps workflow with CI/CD using Github, Jenkins, uDeploy, and OpenShift.

■ **The Hartford Financial Services Group, Hartford, CT**

Junior Developer, Enterprise Publishing Management

February 2018 – August 2019

- Delivered backend modules in Java for internal publishing tools, contributing to timely form updates for Personal and Commercial Lines.
- Maintained and updated xPression xDesign templates for policy documents, accelerating document generation and reducing manual intervention.
- Wrote and maintained technical specs and design docs, ensuring team-wide clarity and easier onboarding for new developers.
- Collaborated with QA, Performance Testing, and Production Support teams to triage issues, coordinate releases, and drive down defect resolution time.
- Participated in code reviews and walkthroughs, integrating feedback from senior developers to sharpen Java development and system design skills.

Education:

Central Connecticut State University (CCSU)

New Britain, Connecticut

Major: M.S., Computer Information Tech - Computer Science

Graduation Date: **Fall 2025**

Eastern Connecticut State University (ECSU)

Willimantic, Connecticut

Major: B.S., Computer Science

Graduation Date: **Fall 2017**

Personal Projects:

■ **Github Projects**

- **codebymj.com**: A web application built with Spring Boot, Java, and Thymeleaf, self-hosted locally on my Ubuntu server, showcasing my 8+ years of experience in web development, APIs, and DevOps. The app highlights my expertise in full-stack development with frameworks like Spring Boot and Hibernate, while serving as a portfolio for my freelance, tutoring, and consulting services in programming and server management.

Code repository: <https://github.com/johnsonmau/portfolio>

- **brainzzy.com**: A trivia game with a Flutter front-end and a Java Spring Boot back-end, utilizing a MySQL database, self-hosted on my Ubuntu server. The app showcases my 7+ years of full-stack development expertise, integrating modern frameworks and database management to deliver an engaging, cross-platform user experience.

Front-end code repository: <https://github.com/johnsonmau/trivia-ui>

Back-end code repository: <https://github.com/johnsonmau/trivia-api>

- **Eazyweather**: A full stack weather application that utilizes Java, Spring Boot, Thymeleaf, Bootstrap, and jQuery.

Code repository: <https://github.com/johnsonmau/weather>

■ **Self-Hosting Infrastructure | Home Lab Environment Project**

- Set up a self-hosted environment using an Ubuntu server & Raspberry Pis, managing Docker containers for various services, including Nginx Proxy Manager, Wireguard, Home Assistant, Portainer, Pi-hole, and many more.
- Configured Zigbee2MQTT and integrated smart home devices for automation and monitoring using Home Assistant.
- Utilized Prometheus and Grafana for real-time monitoring, gaining insights into system health and performance.
- Established a robust network configuration to ensure secure remote access and streamlined connectivity across devices.