Amalachukwu Azubike – *Software Engineer*

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PROFESSIONAL SUMMARY

Detail-oriented Software Engineer with over 5 years of experience designing, developing, testing, and maintaining secure applications across cloud-native and web-based systems. Skilled in CI/CD, Vue.js, Node.js, MS SQL Server, MongoDB, and Docker, with demonstrated success in public cloud environments like Azure and Firebase. Adept in software engineering principles, threat mitigation, root cause analysis, and delivering functional and non-functional requirements. Strong advocate of Agile methodology, automated testing (xUnit, Selenium, JMeter), and design patterns for building reliable and maintainable systems. Passionate about contributing to product quality, improving technical design, and supporting team operations through continuous learning.

CORE COMPETENCIES & SKILLS

- **Languages:** JavaScript, TypeScript, C#, Python, SQL.
- **Frontend:** Vue.js, React, HTML5, CSS3, Bootstrap, Tailwind CSS.
- **Backend:** Node.js, Express, .NET Core.
- **Databases:** MS SQL Server, MongoDB, PostgreSQL, NoSQL.
- **Testing:** xUnit, Selenium, JMeter, Postman, Jest, SQA techniques.
- **DevOps/Tools:** Azure DevOps, GitHub Actions, Docker, RabbitMQ.
- **Concepts:** OWASP, AAA (Authentication, Authorization, Accounting), CI/CD pipelines, Agile, mitigation strategies, design patterns, functional requirements, shift-left testing.
- **Cloud:** Azure, Firebase, Render – public and private cloud deployments.

PROFESSIONAL EXPERIENCE

Frontend Developer Intern, WHTA, Remote   **March 2025 - Present**

- Built and extended frontend components in Vue.js and React, aligned with modern UI/UX design patterns.
- Integrated REST APIs and developed secure login systems using Firebase Auth and OAuth2.
- Created technical designs for reusable UI modules and optimized application load time by 35%.
- Improved accessibility features and ensured WCAG compliance across components.
- Enhanced CI/CD pipeline efficiency, reducing build errors by 50% using GitHub Actions.

Verification Specialist, Bill Gosling Outsourcing, London, ON   **March 2022 - September 2024**
- Contributed to production support and root cause analysis of customer-facing platforms.
- Implemented frontend optimizations that improved response time by 40%.
- Documented functional requirements and contributed to system feasibility discussions.
- Assisted with automation using Postman scripts and Selenium regression tests.

Application Security Analyst, ZionShine ICT Hub   **January 2021 - January 2022**
- Conducted vulnerability scans using OWASP principles and mitigated identified threats.
- Collaborated on AAA policy design and architectural reviews to enhance application security.
- Participated in shift-left testing cycles to identify risks early in the SDLC.
- Recommended improvements that led to a 25% reduction in incident re-occurrence.

IT Support Analyst, ZionShine ICT Hub   **September 2017 - December 2020**

- Provided daily operational support and executed root cause investigations.
- Helped migrate applications to Azure cloud using Dockerized services.
- Contributed to disaster recovery and business continuity plans.
- Assisted developers in understanding feasibility of new feature requests.

Desktop Support, MediaSoft Technologies   **December 2015 - December 2017**

- Installed and supported software upgrades and provided frontline troubleshooting.
- Documented operating procedures and conducted data backup validations.

EDUCATION

Diploma, Conestoga College, ON CA   September 2024 – April 2025
CGPA: 3.86,

Computer Application Development
- Capstone focus: SaaS development, secure systems, cloud deployment.

Diploma, Lighthouse Lab, ON CA   July 2023 – September 2023
Cybersecurity

Bsc, University of Nigeria, Nigeria   September 2011 - August 2015
Microbiology

PROFESSIONAL CERTIFICATIONS

- CompTIA Sec+ (code: 56RJ8QH6DJBQ1QSG) - December 2023
- Certified in Cybersecurity from ISC2 (1496107) - June 2023
- CSTE – Certified Software Tester (In View, 2025)

RELEVANT PROJECTS

1. Healthy Eating App *(React + Django + PostgreSQL)*

- Built cloud-native SaaS meal planner with CSV export, OpenAI chatbot, and multi-role auth.
- Implemented CI/CD via Docker + Render, conducted root cause and functional testing.

2. SEOOptimizer Pro *(Node.js + MongoDB + Firebase)*

- Scalable SEO auditing tool using asynchronous RabbitMQ and user analytics dashboard.
- Integrated secure APIs and public cloud deployment using Firebase and Render.

3. Movie App *(React + Firebase)*

- Developed component-based UI with Google Auth, Tailwind, Bootstrap, and TMDb API.

4. Customer App *(ASP.NET + MS SQL Server)*

- Developed CRUD operations with xUnit test coverage and Postman API validation.

5. Playwright Test Suite *(Jest + Playwright)*

- Simulated user behavior across 10 scenarios; generated trace logs and debug outputs.

6. Firebase Car Tracker *(Vue.js + Firebase)*

- Real-time vehicle tracker with Google Maps API and multi-auth (Email + Google Sign-In).

SOFT SKILLS

- Prioritizing and planning deliverables under pressure.
- Troubleshooting, root cause analysis, and problem resolution.
- Functional communication across cross-functional teams.
- Conducting technical research and feasibility analysis.
- Agile collaboration and documenting technical solutions.