

SAMUEL ADJIN

FairField, Iowa 52556 • +1-641-819-1435 • samueladjin5@gmail.com
<https://www.linkedin.com/in/samuel-adams-ab86ba1b9/>

FULL STACK DEVELOPER (JAVA, JAVASCRIPT)

A versatile and detail-oriented Fullstack Java and JavaScript Engineer with over 3 years of experience developing scalable, high-performance applications for e-commerce platforms, enterprise employee management systems, and content-driven websites. I have contributed to building and maintaining systems such as online stores, internal ERP tools for managing employee operations, and headless CMS-powered platforms. Proficient in modern frontend and backend technologies including React.js, Next.js, Tailwind CSS, TypeScript, Java, Spring Boot, NestJS, Express.js, PostgreSQL, and Docker.

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- Database Management • Microservices Architecture • Event-Driven Architecture • Agile Software Development
 - Code Version Control • Object Oriented Programming (OOP) • SOLID • Domain-Driven Design (DDD) • API Design

Languages: Java, Rust, JavaScript, TypeScript

Web: React, HTML5, Tailwind CSS, Shadcn, Chakra, Storybook

Web Services: REST API, Web Socket, JSON Web Token, CORS, API Versioning, Rate Limiting, Middleware Integration

Web/App Servers: Apache, Tomcat, Nodejs/Node.js

Frameworks: Spring Boot, NestJS, ExpressJS/Express.JS, Nextjs/Next.JS, Reactjs/React.JS

Databases: MySQL, Postgres, Mongo DB

Design Patterns: Singleton, Builder Pattern, Factory Pattern, Dependency Injection, Decorator Pattern

SDLC: Agile (Scrum, Kanban)

Tools: Maven, Npm, Yarn, Pnpm, Git, GitHub Actions, Docker, Kafka

Platforms: Windows, Ubuntu

Application/Software: Storyblok (Headless) CMS, Magnolia CMS, Smartling

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

AMALITECH, Takoradi, Ghana • 07/2021 – 11/2024

Amalitech is a software company specializing in providing tailored software solutions to clients across various industries..

TypeScript FullStack Engineer (06/2024 – 11/2024)

Worked with a wide range of systems like E-Commerce, CRMs and ERPs.

- Translated Figma designs into dynamic, reusable Storyblok components for the e-commerce CMS platform, ensuring design consistency and simplifying maintenance.
- Integrated Smartling localization service into the content workflow, automating 75% of the content localization process and enabling efficient multilingual content support for a diverse global e-commerce audience.
- Built custom REST APIs in NestJS to perform bulk operations in Storyblok, streamlining e-commerce content management tasks and JSON structure fixes, reducing manual update time by 70%.
- Resolved UI bugs, tested, and documented UI components for the e-commerce CMS project using Storybook, which decreased UI-related QA cycles by 15% and resulted in visually accurate, reusable components.

FullStack Engineer (09/2023 – 05/2024)

- Performed request validation in API middleware for an e-commerce customer portal (MVP), enforcing data integrity and reducing errors to improve system reliability.
- Designed GitHub Actions CI/CD pipelines for AWS infrastructure, leveraging ECR for streamlined container deployment and management within the Customer Portal (MVP), reducing deployment time by 60% and ensuring consistent releases.
- Leveraged Docker for deploying e-commerce portal services, ensuring consistent environments across development, testing, and production, leading to improved uptime and faster deployments.
- Transformed client request data into Salesforce-compatible formats for the E-commerce Customer Portal, maintaining data integrity and seamless system interoperability.
- Developed a Rust-based (Axum) middleware for the E-commerce Customer Portal MVP, handling secure client-side request authentication and efficient data forwarding to Salesforce.

Java Backend Engineer (01/2023 – 08/2023)

- Developed RESTful APIs with Java and Spring Boot for microservices, creating scalable backend services for the Network Service Provider prototype.
- Implemented Spring Security with JWT for authentication, ensuring robust access control and data protection for the prototype.
- Designed custom exception handlers for the prototype, cutting average debugging time for errors by 30%, resulting in smooth operation, enhanced user experience, and clearer debugging.
- Integrated Spring WebSockets for live notifications, providing instant client updates without manual refreshes for the prototype.
- Automated testing with JUnit and Mockito, achieving 85% code coverage, leading to higher code reliability and fewer production issues for the Network Service Provider prototype.
- Built Kafka pipelines for asynchronous messaging, resulting in decoupled services and efficient event processing for the prototype.
- Managed configurations with Spring Cloud Config, ensuring consistent deployments across environments for the prototype.

Java Engineer (01/2022 – 12/2022)

- Developed a Java-based RESTful API within Magnolia CMS, enabling seamless integration for the website platform of a leading cable technology company, managing product catalogs and project information.
- Built version handlers and bootstrap modules in Magnolia to support structured cable product data and corporate content updates, resulting in smoother site upgrades and reduced migration downtime.
- Designed custom content types and components to model cable product catalogs and use cases, resulting in more flexible content management and streamlined editorial workflows.
- Implemented custom dialogs and templates, reducing content publishing time for non-technical editors by 35% and providing intuitive user interfaces for managing web assets and content for the cable technology company.
- Created modular extensions for Magnolia, ensuring maintainable and reusable functionality across various sections of the company's website platform, including sustainability and careers.

PHP/Laravel Developer (07/2021 – 12/2021)

- Created RESTful APIs for an enterprise employee management platform, supporting HR operations and employee self-service functionalities.
- Designed and implemented a scalable database architecture, reducing query times by 40% for employee records, leave management, promotions, and performance appraisals.
- Refactored legacy code to optimize performance, enhance efficiency, and fix software bugs, **decreasing critical software defects by 50%**, which led to improved system stability and maintainability.

Technologies Used: Java, Spring boot, JavaScript, TypeScript, NextJS, NestJS, AWS ECR, Storyblok (Headless) CMS, Storybook, Rust, GitHub Actions, Docker, Postgres, Kafka, Magnolia CMS, Yaml.

ACADEMIC PROJECTS

Maharishi International University (2025)

- **Blog Management Platform:** Full-stack app for creating and managing blog posts with search, filters, and export. Designed architecture, built CRUD for posts/comments using TypeScript, React, Jotai, Express, and Tailwind CSS.
- **Math Game:** Built a serverless web math game with React and AWS, featuring timed quizzes, Cognito auth, real-time leaderboards, and Lambda-based score tracking. Used SES for notifications and automated CI/CD with Terraform and CodePipeline.
- **Mini Coupon Marketplace – Backend Platform:** Developed a backend system for managing vendor coupons, enabling deal creation, discovery, and redemption. Integrated AI for auto-generating catchy coupon titles. Used Java, Spring Boot, Spring Security, JPA, PostgreSQL, AOP, and Kafka.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2027)

Maharishi International University, Fairfield, IA

Key Courses: Web Application Programming, Algorithms, Enterprise Architecture, Cloud Computing

Bachelor of Science in Information Technology in Information Technology

University Of Cape Coast, Cape Coast, Central Region (08/2019)