

Calvin Yeboah

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SUMMARY

Driven Information Technology student at the University of Cincinnati, blending robust software engineering principles from a Computer Science minor with practical experience in full-stack development. Proficient in Java Spring Boot, ASP.NET Core, and C#, with a proven track record of architecting and implementing scalable microservices, RESTful APIs, and enterprise-level solutions. Possessing advanced database management skills, including extensive SQL expertise, MongoDB proficiency, and experience handling large datasets within Microsoft SQL Server Management Studio. Combining technical prowess with project management acumen, utilizing tools like ProjectLibre, I am eager to contribute to innovative projects in a dynamic software engineering or IT environment.

SKILLS

Programming Languages: Java, C#, Python, JavaScript, C++, TypeScript, SQL, Bash

Frameworks & Technologies: Spring Boot, ASP.NET Core (Razor Pages, MVC), React, Node.js, Express.js, Entity Framework, .NET Core, JUnit, NUnit, Microservices, RESTful APIs, Middleware, Design Patterns (MVC, Singleton, Factory), Event-Driven Architecture

Databases & Tools: SQL Server, MongoDB, MySQL, PostgreSQL, Redis, Database Design, Data Modeling, Query Optimization

Cloud & DevOps: AWS (Lambda), Azure, Google Cloud Platform, Docker, Git, CI/CD

Project Management & Methodologies: Agile (Scrum, Kanban), Waterfall, ProjectLibre, Jira

WORK EXPERIENCE

TechElevate | Full Stack Intern

| Remote | August 2024 – January 2025

- Contributed to the development of scalable web applications using React, Python, and MongoDB, focusing on performance optimization techniques.
- Gained experience with CI/CD pipelines, utilizing Docker and AWS to automate deployments and improve release efficiency.
- Actively participated in Agile Scrum ceremonies, contributing to sprint planning, daily stand-ups, and retrospectives, and gaining valuable experience in Agile development methodologies.

Ghana SDA Church | IT Technician

| Columbus, OH | July 2023 – June 2024

- Provided comprehensive IT support for live events, resolving technical issues
- Performed system maintenance and upgrades, ensuring optimal performance and minimizing downtime.
- Trained end-users on software and hardware, enhancing their productivity and technical proficiency.

Fiverr | Freelance Web Developer

| Remote | January 2022 – Present

- Designed and delivered custom web applications for diverse clients, consistently exceeding client expectations
- Implemented secure and scalable back-end systems using React, MongoDB, and AWS, ensuring data integrity and application reliability.
- Managed project timelines and budgets, utilizing ProjectLibre to track progress and ensure on-time delivery.

TECHNICAL PROJECTS

Dynamic Insurance Portal | Personal Project |

Winter

- Designed and implemented a secure, multi-tier insurance portal using React, C#, ASP.NET Core, and SQL Server, managing large datasets and optimizing query performance.
- Implemented RESTful APIs and Entity Framework, ensuring efficient data management and seamless integration.
- Employed Agile methodologies and ProjectLibre for project planning and tracking, delivering the project within a defined timeline

E-Commerce Platform with Real-Time Inventory Management | Personal Project

Winter

- Developed a full-stack e-commerce web application using React, Node.js, and MongoDB, enabling product browsing, shopping cart management, and order processing.
- Implemented real-time inventory management with WebSockets and integrated secure payment processing and an admin panel using Express.js and JWT for authentication.

Study Buddy - Study Guide & Flashcard Generator | Personal Project

Spring

- Created a web application that converts lecture notes into study guides and flashcards using C#, .NET Core, and SQL Server.
- Designed data models in SQL Server to efficiently store student data, documents, and generated content, ensuring smooth interactions and content retrieval.

EDUCATION

University of Cincinnati

Aug 2022 - May 2027

Bachelor of Science in **Information Technology** | Minor in **Computer Science**

GPA: 3.8