

EUGENE KWADWO DANIELS

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EDUCATION

Ashesi University

Berekuso, Eastern Region

BSc. Computer Science

Date of Graduation: June 2022

O'Reilly Senior High School

Teshie, Accra

General Science (*WASSCE)

Sept. 2014 – July 2017

ACHIEVEMENTS/AWARDS

Kofi Tawiah Good Citizenship Scholarship, Ashesi University

2021 – 2022

Dean's List, Ashesi University

2021 - 2022

The Ashesi Financial Aid Program Scholarship, Ashesi University

2018 – 2020

Headmaster's Excellence Award, O'Reilly SHS

2016 - 2017

Best in Mathematics, Integrated science and Chemistry, O'Reilly SHS

2016 - 2017

WORK EXPERIENCE

Adaptive Computer Solutions – Haatso

Sept. 2024 – Present

Software Engineer

- Implemented enhancements and updated features for MTN MADAPI middleware services in Java Spring Boot, enabling seamless integration with multiple MTN services and improving inter-service communication.
- Enhanced and supported the Customer Resources Portal for MTN Benin, implementing new features and improvements using .NET, improving customer experience and service efficiency.
- Gained expertise in Java Spring Boot, .NET, PostgreSQL, API services, and Open API specifications, applying best practices in API design and documentation.

Ashesi University – Berekuso, Eastern Region

Aug. 2022 – Aug. 2024

Contract Faculty Intern

- Assisted faculty members in the delivery of courses including Object Oriented Programming (OOP) - Java, Computer Programming for CS (Python), Web Technologies and Database Management, Advanced Database Systems, Software Engineering, Pre-Calculus I, Data Science, Mobile Application and Statistics with Probability.
- Meticulously graded assignments, projects and exams while offering constructive feedback to promote students' academic growth and foster a culture of continuous improvement.
- Created additional teaching materials and resources to enhance the course content, thereby enhancing the overall quality of the learning experience.

Erith Health Services – Haatso, Greater Accra Region

Sept. 2023 – Mar. 2024

Full-Stack Developer

- Led the creation of diverse platforms including a main landing page, CPD training portal, chat application, and ecommerce platform. Utilized React for front-end and AWS services like S3, API Gateway, WebSocket, Lambda, DynamoDB, and Redis for scalable back-end architecture.
- Developed a chat application enabling real-time interaction among medical experts and students via channels, rooms, and direct messaging.
- Successfully scaled the application to accommodate 2000 users concurrently. Ensured high availability and performance with AWS services and optimized resource utilization with Lambda functions.
- Implemented CI/CD pipeline using GitHub Actions and cPanel, enhancing deployment efficiency and facilitating seamless updates and releases.

Ashesi E-Learning Platform (Kalangu) – Berekuso, Eastern Region
Backend Developer

Aug. 2023 – Jan. 2024

- Led the conceptualization and execution of a resilient backend infrastructure, harnessing state-of-the-art technologies such as Laravel and AWS to guarantee seamless data management and scalable operations.
- Established a secure and streamlined database system by leveraging the capabilities of AWS database solutions, achieving optimization in data retrieval and storage for a multitude of users and resources.
- Led the conceptualization of an efficient caching system for the platform.

African Women Amplified (AWA) – Remote
Backend Developer

Sept. 2022 – Feb. 2023

- Led the conceptualization and execution of a resilient backend infrastructure, harnessing state-of-the-art technologies such as Node.js and Google Cloud Functions to guarantee seamless data management and scalable operations.
- Established a secure and streamlined database system by leveraging the capabilities of Google Firebase database solutions, achieving optimization in data retrieval and storage for a multitude of users and resources.
- Utilized Node.js and a serverless architecture integrated with Google Cloud Functions to construct a dependable infrastructure that sustains the platform's comprehensive features, all the while ensuring robust availability and scalability.

Catalyst Fund Internship Program (Swoove360) – Remote
Full-Stack Developer

Dec. 2021 – Feb. 2022

- Led the development of essential features and modules for the internal administration dashboard, employing advanced technologies like Next.js, Tailwind CSS, MongoDB, and AWS. Significantly improved platform functionality, user experience, and operational efficiency.
- Played a pivotal role in seamlessly integrating RESTful APIs with Node.js and effectively utilizing AWS services, including AWS Lambda functions, to proactively manage error notifications, ensuring system stability and efficiency.
- Collaborated with cross-functional teams, adhering to Agile methodologies, to achieve project deadlines and deliverables, actively participating in sprint planning, code reviews, and knowledge-sharing sessions, fostering a culture of continuous improvement and innovation among the development team.

SKILLS

- Programming Language: Python, Java (with Spring Boot), JavaScript/TypeScript, PHP, Dart (For Flutter)
- Frontend Technologies: HTML5, Cascading Style Sheets (CSS), Tailwind CSS, Bootstrap, JavaScript Frameworks (Angular, React.js & Next.js, TypeScript)
- Experience with Relational (MySQL, PostgreSQL) and Non-Relational database (MongoDB, Neo4J, Firebase, AWS DynamoDB, Redis)
- Implementing and using Restful API for development (Serverless framework, AWS Lambda, API Gateway, AWS, NodeJS, Express, Python Flask)
- Experience with cloud-based platforms (AWS Services and Google Cloud Platform (GCP))
- Experience automating software builds, testing, and deployments using CI/CD pipelines with GitHub Actions and Docker containers.

REFERENCES

Available upon request

- ***WASSCE** – West African Senior School Certificate Examination
- ***Headmaster's Excellence Award** – O'Reilly Senior High School
- ***Dean's List** – Awarded to students with a GPA of 3.5 and above