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# EDUCATION

Bachelor of Science in Computer Science **Date of Graduation:** May 2021

# Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

**TECHNICAL SKILLS**

* **Programming:** Javascript, Java, python, React, Angular, SQL, NoSQL Git, GitHub, Docker.
* **Design and modelling tools/skills:** UML, Event-Driven Design.
* **Other proficiencies:** SCRUM, Jira.

# WORK EXPERIENCE

**Amalitech Services GmbH -** GhanaMay 2023 – Present

*Backend developer - Hybrid*

* Lead a team of junior developers, providing guidance, mentorship, and code reviews to ensure high-quality deliverables.
* Facilitate Agile development process, ensuring team follows Scrum framework and principles, and removing impediments to progress.
* Lead junior developers in completing their capstone projects, providing guidance on design, development, and deployment best practices.
* Design, develop, and deploy scalable backend systems using nodejs, nestjs, reactjs, Java, Spring Boot, and RESTful APIs.
* Implement database schema and queries using PostgreSQL, MongoDB, Prisma, JPA and Hibernate.
* Collaborate with frontend developers to integrate APIs and ensure seamless user experience.
* Implement authentication and authorization using OAuth, SSO and JWT.
* Participate in code reviews and contribute to the improvement of the codebase.

**University of Mines and Technology -** GhanaNov. 2021 – Nov. 2022

*Software Developer Austin, TX*

* Developed and maintained a comprehensive library management system using PHP, MySQL, and JavaScript.
* Implemented features for cataloging, searching, and borrowing books, as well as user management and reporting.
* Collaborated with librarians and administrators to ensure the system met their needs and workflows.
* Improved system performance and scalability by optimizing database queries and implementing caching.
* Ensured data security and backups, and troubleshot issues as they arose.

# SELECTED PROJECTS

**Asset Management System (IFSaM)**

* Developed a comprehensive asset management system to track and manage company assets.
* Implemented features for asset tracking, maintenance scheduling, and reporting.
* Collaborated with stakeholders to ensure the system met business requirements.
* Improved system performance by optimizing database queries and implementing caching.
* Technologies used: TypeScript, Nodejs, Nestjs, ReactTs, PostgreSQL, Prisma, BullMQ, Redis, Google OAuth.

**Incident Management (Hilfe)**

* developed an incident management system to track and resolve internal incidents.
* Implemented features for incident reporting, assignment, and resolution tracking.
* Ensured data security and backups, and troubleshot issues as they arose.
* Technologies used: TypeScript, Nodejs, Nestjs, ReactTs, PostgreSQL, Prisma, BullMQ, Redis, Google OAuth.

# AWARDS/ENGAGEMENT

* Amalitech graduate trainee top performer August and September.
* First run up Amalitech live code hackathon 2023.