NATHANIEL ADIKA

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EDUCATION

University of Ghana	Legon,Greater-Accra
BSc. Computer Engineering	**Expected Date of Graduation: September 2025**

Cumulative GPA: 3.70/4.0

Relevant Courses: Object-Oriented Programming with Java, Software Engineering, Data Structures and Algorithms, Software for Distributed Systems

Hope College Ghana	Gomoa Fetteh, Central Region
West African Senior Secondary Certificate (General Science)	**2018 – 2021**

ACHIEVEMENTS

University of Ghana Scholarship, University of Ghana	**2022**
Ghana National Petroleum Company Scholarship, University of Ghana	**2023**
Dean's List Honours, University of Ghana	**2024**

WORK EXPERIENCE

Hubtel Limited – Accra, Ghana	**March – April 2024**

Software Engineer Intern, Code Quality and Tooling Team
- Improved 10+ documents, including SDKs and Flurl unit tests, boosting accuracy and developer productivity
- Enhanced the Hubtel FrontEnd CLI Tool, resulting in a 20% increase in user efficiency
- Evaluated OpenTelemetry for web app metrics, providing a 15% improvement in performance monitoring capabilities

CO-CURRICULAR ACTIVITIES

Hope College – Gomoa Fetteh	**2020 – 2021**

Member, National Science and Maths Quiz Team
- Collaborated with a team of 7 students to rigorously prepare and train for the prestigious National Science and Math Quiz
- Pioneered the school's first-ever participation, demonstrating exceptional knowledge and teamwork and setting a foundation for future teams

PROJECTS

Book Inventory Management App	**2024**

- Developed a book inventory management software using Blazor WASM, C#, Identity, and SignalR
- Implemented secure user authentication using "Identity" to ensure data privacy and user management
- Developed features to allow comprehensive catalogue management, enabling users to add, edit, and remove books from their catalogue
- Integrated "SignalR" to enable real-time operations for ordering and selling books, enhancing overall responsiveness and user experience

SKILLS

- Skilled in multiple programming languages: Python, Java, C++, HTML, CSS, JavaScript
- Conversant with database management using PostgreSQL
- Competent with SolidWorks software
- Proficient in Microsoft Office Suite (Word, Excel, OneNote, PowerPoint)
- Advanced proficiency in English, Akan, and Ewe; basic proficiency in French
- Effective negotiator adept at securing favourable outcomes through strategic communication
- Well-versed in technical documentation and software development workflows with Git and Github

REFERENCES

Available upon request

*Dean's List Honours : Awarded to students with GPA above 3.60
*Portfolio Website   :   https://portfolio-nat.vercel.app/