

# NATHAN YENNUPIAK ALI

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## EDUCATION

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### University of Cape Coast

BSc. Computer Science

August 2017 - October 2021

## EXPERIENCE

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### Software Engineer

Amplified Communications

2023 - Present

- Designed and developed the company's official website, ensuring speed, security, and a seamless user experience.
- Built full-stack applications for inventory management and client projects, handling front-end and back-end development.
- Designed and developed RESTful APIs, making it easy for frontend apps to communicate with the backend.
- Integrated third-party APIs and tools to enhance functionality and streamline business operations.

### Backend Developer

Bit-Alpha Innovations

2022-2023

- Built and maintained the backend for various web applications, ensuring they were fast and scalable.
- Designed and developed RESTful APIs, making it easy for frontend apps to communicate with the backend.
- Handled database management, optimizing queries and ensuring data integrity.
- Implemented secure authentication and authorization systems to protect user data.
- Worked closely with front-end developers to create seamless and efficient applications.

### Software Engineer

University of Cape Coast

October 2021 - August 2022

- Tutored students on software development concepts, Microsoft Suite, and Google Workspace.
- Developed an automated script to efficiently enter results from Alison into an Excel sheet, significantly reducing manual effort and processing time.
- Collaborated with faculty and IT teams to enhance the security and performance of university portals.

## USEFUL LINKS

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LinkedIn: <https://gh.linkedin.com/in/nathanyennupiak>

GitHub: <https://github.com/Nathan-Yennupiak>

Portfolio: <https://brandpolymath.netlify.app/>

## SKILLS

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Programming languages: JavaScript, Python, Dart, PHP.

Technologies and Frameworks: Node.js, Express, Laravel, RESTful APIs, HTML5, CSS, Tailwind CSS, ReactJS, NextJS, Flutter, MongoDB, PostgreSQL, MySQL.

## PROJECTS

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### **Dream-Oracle-AI** [View App](#)

A Christian Dream Interpretation App using NodeJS for backend and ReactJS for front-end powered by Azure OpenAI, designed to provide Biblical insights into dreams, referencing scriptures and encouraging believers to seek guidance from the Holy Spirit.

### **Movie-Search-Plus** [View App](#)

A ReactJS app that enables users to search for movies via the TMDB API. It integrates with Appwrite to display trending movies based on popular searches and uses debouncing to optimize API calls while typing.

### **Summariza** [View App](#)

AI Blog Summarizer is a tool that uses Open-AI API to generate concise summaries of blog posts and articles, making it easier to grasp key insights quickly.

## RECOMMENDATION

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### **Google Developer Students Club**

[Link to file](#)

## LEADERSHIP

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### **Lead,** Google Developer Students Club

August 2020 – August 2021

- Organized and conducted coding training sessions for the community.
- Supervised the Annual Global Google Solution Challenge.
- Contributed to the development of the GDSC UCC Mobile App, enhancing its features and functionality.

### **Science Club President,** Ghana Senior High School

March 2015 – March 2016

- Led the Science Club, organizing educational activities and events.
- Fostered a passion for science among club members through engaging initiatives.