Chris-Brandt Nii Ayitey Attoh

Software Engineer

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Chris-Brandt Attoh 🔗 Portfolio

Profile

A final-year Computer Science student at KNUST with a strong passion for technology and innovation. Skilled in software development, IoT solutions, and systems optimization, with hands-on experience designing smart traffic control systems, access control mechanisms, and architectural frameworks for projects like BlockOps. Developed a spam detector model with Streamlit visualization, showcasing proficiency in machine learning and data-driven solutions. Adept at troubleshooting and maintaining computing devices, including counting machines, with a problem-solving mindset. Continuously learning and innovating to develop efficient and scalable tech solutions.

Education

Kwame Nkrumah University of Science and Technology (KNUST)
BSc. Computer Science
01/2022 – present | Kumasi, Ghana

Adisadel College
General Science
10/2018 – 10/2021 | Cape Coast, Ghana

Skills

Languages
Python, Javascript, C++

Database
MySQL, AWS Aurora, Dynamo Db, PostgresSQL

Cloud Platforms
AWS (EC2, S3, IAM, VPC, RDS, CloudWatch), Terraform

Web Development
HTML, CSS, JavaScript, React, Django, Postman

Operating Systems
Linux (Ubuntu), Windows, MacOS

Machine Learning
Scikit Library, Tensorflow, Joblib, Streamlit

Version Control
Git, GitHub

Containerization
Docker, Kubernetes

Professional Experience

Union Systems Global   11/2024 – 12/2024
Intern   Accra, Ghana

- Modified existing software to correct errors, adapt to newly implemented hardware or upgrade interfaces.
- Utilized programming languages such as Python, JavaScript, and TypeScript and frameworks such as React.js and Express.js for various software development projects and used Postman to test APIs.
- Utilized version control systems, such as Git, to manage codebase changes and collaborate effectively with team members.

- Facilitated database design and management, ensuring data integrity, security, and accessibility.

Eye360 Security Company Limited   10/2024 – 11/2024
Intern   Accra, Ghana
- Performed daily inspections of all security officers to confirm their presence at assigned locations and ensure they remained vigilant.
- Prepared and updated weekly roster and salary payment list of guards.
- Conveyed information from security officers with my bosses and sent feedback to security officers.
- Liaised with Supervisors to plan roster and do random checks on our guards on duty.
- Did online recruitment of security guards.

Sanditech Services   10/2022 – 12/2022
Intern   Accra, Ghana
- I helped in assembling of counting machine parts to make it fully functional.
- I did some maintenance of counting machines by changing worn out parts and non-functioning sensors.

Projects

TeslaClone Web Application 🔗   02/2025
A user-friendly frontend web application using React Native.

Ecommerce Api 🔗   11/2024
An api for an ecommerce web application using TypeScript which allows the user to create, list, update and delete products in a PostgresSQL database using Express for routing requests and Postman for testing.

Spam Detector Web App 🔗   06/2024 – 07/2024
A user friendly web application used to predict wether a particular message is a spam or not. I used Python and leveraged on using Multinomial Naive Bayes algorithm and NLP and Streamlit to create a user-friendly interface and deployed it in Steamlit Cloud.

Certificates

- AWS Cloud Practitioner Essentials 🔗

- Python Essentials 1 - CISCO 🔗

- Linux Operating System - CISCO 🔗

- Mobile App Development - Axes Technologies 🔗

- Fiber Optics 🔗

- CCTV Camera Installation - Ambassador Technology 🔗

Interests

Cloud Computing │ Machine Learning │ DevOps │ IoTs │ Crypto and Forex Trading │

Basketball │ Football │ Gaming