BOANSI KYEREMATENG COLLINS
Full Stack Developer | Machine Learning Enthusiast | Mobile App Developer

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SUMMARY

- Proficient in Python and Django development with extensive experience building web applications and contributing to innovative product ideas
- Strong foundation in software engineering, having worked on impactful projects such as hospital websites, blood bank management systems, and authentication systems.
- Skilled in full-stack development, proficient in databases, operating systems, and tools like Git and GitHub.
- Experienced in mobile app development using Flutter, delivering cross-platform applications with responsive designs.
- Machine learning enthusiast, particularly using TensorFlow and Keras for advanced solutions like glaucoma detection. Adept at collaborating with teams to enhance system unctionality and user engagement.

EDUCATION

University of Energy and Natural Resources	**2020–2042**
BSc. Computer Science	**(Completed)**
Bekwai SDA SHS	**2016–2019**
General Science	**(Completed)**

WORK EXPERIENCE

Intern	**May 2022 - Present**

Pisgah Advanced Medical Centre – Bechem, Ahafo
- Built a website to advertise and booked a date with a physician and also get to know more about Pisgah Advanced medical center.
- Collaborated with the IT staff to trouble and management their system

PROJECTS

August 2020 - May 2022

- **Blood Bank Management System:** Online blood management system to easily find donors and patience in need of blood leveraging on the registered users.
- **ASK Diag**.: System consisting of prescriber's or doctors to prescribe medication for patience in emergency before arriving in the hospital
- **Authentication System**: System to verify if user is illegible or not
- File Server

Machine Learning	**May 2019 - August 2020**

- Glaucoma Detection System: Developed a machine learning model using Generative Adversarial Network a deep learning technique to detect glaucoma in its early stage

National Service   **October 2024 - Present**
NascoTech – Adenta, Accra
- Collaborating with teams to build Express Remit, a mobile app focused on streamlining remittance services

VOLUNTEER ACTIVITIES

Web Developer   **September 2023 - March 2024**
Pisgah Advanced Medical Centre – Bechem, Ahafo
Collaborated with a cross-functional team to create the Pisgah Advanced Medical Centre website, resulting in a 80% increase in patient inquiries and engagement within the first three months.

SKILLS
INTERESTS

Programing Skills	Python, JavaScript, HTML,	CSS, C
Data Analysis	Pandas, Numpy, Matplotlib,	Scikit-learn
Frameworks	Django, Angular, Flutter,	Bootstrap
Databases	SQL, PostgreSQL	
Machine Learning	TensorFlow, Keras	Effective Communication,
Operating Systems	Windows, Ubuntu, Linux	Time Management
Soft skills	Team Player,	Visual Studio, Android SDK
Tools	Git, GitHub, Docker, Jupyter Notebook,	

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Adventist Youth Director   **September 2022 - March 2024**
Led youth initiatives, driving engagement and personal development.

Personal and Youth Ministries
Held various leadership positions, fostering teamwork and spiritual growth

LANGUAGES

Twi - Native	English - Expert	French - Beginner