

BOANSI KYEREMATENG COLLINS

Software Developer

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PROFESSIONAL SUMMARY

Adaptable Software Developer with strong full-stack development skills and a track record of delivering scalable web applications. Experienced in designing frontend interfaces with Angular and implementing robust backend APIs using Django. Proven ability to develop end-to-end solutions across domains such as healthcare, education, and community development. Adept at building systems that improve efficiency, data management, and user experience.

EDUCATIONAL BACKGROUND

University of Energy and Natural Resources	2020–2024
BSc. Computer Science	(Completed)
Relevant Courses	Computer Networks, Computer Architecture, Operating System
Introduction to Technology, Algorithms and Data, Software Engineering,	

Alix Software Engineering	2022–2023
Technologies learnt: Python, C, Version Control System, Bash scripting	

Bekwai SDA SHS	2016–2019
General Science Bsc. Computer Science	(Completed)

SKILLS

- Programming Skills
 - Python, JavaScript, HTML, CSS, C
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- Data Analysis
 - Pandas, Numpy, Matplotlib, Scikit-learn
- Frameworks
 - Django, Angular, React
 - Bootstrap,

Databases	SQL, PostgreSQL
Machine Learning	TensorFlow, Keras
Operating Systems	Windows, Ubuntu, Linux
Soft skills	Team Player, Effective Communication, Time Management
Tools	Git, GitHub, Docker, Jupyter Notebook, Visual Studio, Android SDK

PROFESSIONAL WORK EXPERIENCE

Front-End Engineer (Angular)

October, 2024 - Present

NascoTech – Adenta, Accra

- Developed innovative web applications using Angular, TypeScript, and modern frontend technologies
- Collaborated with cross-functional teams to deliver user-centric digital solutions

Accomplishments

- Architected the Mandela Fellowship web platform using Angular, creating a dynamic interface that supports leadership and community development initiatives
- Engineered a comprehensive system for NSS monthly evaluation forms, improving submission and verification processes through streamlined frontend development
- Developed a robust Angular application for country data retrieval, demonstrating advanced API integration and state management techniques
- Created responsive frontend components using Angular and Taiga UI, significantly enhancing platform usability and visual design
- Utilized TypeScript, SCSS, and LESS to develop maintainable and efficient code structures

Tools used: Angular, TypeScript, JavaScript, LESS, Taiga UI, Bootstrap, GitHub

Web Developer(React)**April, 2025 - Present****Isaac Consolidate –Nigeria, Lagos**

- Spearheaded the development of the company's official website using React and Tailwind CSS, delivering a responsive and modern user experience.
- Collaborated with cross-functional teams to translate business needs into user-focused digital solutions.
- Ensured code quality and maintainability through best practices in version control, modular architecture, and reusable components.
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Accomplishments

- **Company Website:** Collaborated and developed the Isaac Consolidate official website using **React** and **Tailwind CSS**, enhancing brand presence and user engagement.

Tools used: React,, JavaScript, Tailwind,Toast,, GitHub**Back-End (Python Rest API)**

- Engineered robust REST APIs for the NSS (National Service Scheme) system, optimizing evaluation submission and verification processes
- Developed sophisticated API integration for bulk image posting to Facebook, advancing social media automation capabilities

Accomplishments

- Created scalable API endpoints demonstrating expertise in backend integration and data management
- Designed and implemented backend solutions that significantly enhanced system efficiency and operational automation
- Utilized Python and Django to develop reliable and performant API infrastructures

Tools used: Python, Django, REST API Design, GitHub**Full-Stack (Django)****January 2021 - Present**

Pisgah Advanced Medical Centre – Bechem, Ahafo

- Designed and launched a comprehensive medical center website, enabling online physician appointments and improving patient information accessibility
 - Developed a Blood Bank Management System that effectively connects donors with patients, optimizing blood donation coordination through intelligent user data management
 - Created a Veterinary Management System to enhance animal healthcare administration, improving record-keeping and operational efficiency

Accomplishments

- Increased patient engagement by 60% through an intuitive, user-friendly website with online appointment booking capabilities
 - Reduced administrative workload by 70% by implementing an automated appointment scheduling system
 - Improved hospital IT infrastructure reliability through proactive system monitoring and targeted technical interventions
 - Collaborated closely with IT staff to diagnose and resolve critical system vulnerabilities, ensuring maximum operational uptime

Tools used: Python, Django, SQLite , GitHub, Bootstrap, ClickUp, Davinci Resolve

Projects

- **Mandela Fellowship Project** (Ongoing)

Role: Frontend Developer

Developed a leadership and community-building platform using Angular. Implemented dynamic UI elements with Taiga UI and LESS

Tools used: : Angular, TypeScript, LESS, Taiga UI, GitHub

- **NSS Monthly Evaluation Form** (Ongoing)

Role: Full-Stack Developer

Created a comprehensive remote evaluation form for National Service Scheme
Improved data collection and verification processes

Tools used: :: Angular, TypeScript, SCSS, Django, UI, Bootstrap, Rest API, GitHub

- **Secure File Server** (2023-2024)

Role: Full-Stack Developer

Built a secure file storage and retrieval system
Implemented encrypted storage and granular access control

Tools used: : Python, Django, MySQL, Bootstrap

- **Country App (2024)**

Role: Frontend Developer

- Developed an Angular application for fetching and displaying country data
- Demonstrated advanced API integration and responsive UI development

Tools used: : Angular, JavaScript, TypeScript, Bootstrap, GitHub

- **BloodBank Management System** 2021 - 2023

Role: Full-Stack Developer

Created a system connecting blood donors with patients efficiently
Automated donor-patient matching to reduce response times

Tools used: Python, Django, MySQL Lite, Bootstrap

- **ASK Diag. (Emergency Medication System)** 2022 - 2023

Role: Full-Stack Developer

Developed a system that allows doctors to prescribe emergency medication before patient arrival, enabling faster treatment upon arrival at the hospital.
Significantly improved patient care by ensuring essential medications are ready in advance.

Tools used: Python, Django, MySQL, Bootstrap

- **Authentication System** 2021- 2022

Role: Full-Stack Developer

Designed a secure authentication system to ensure only authorized users could access sensitive hospital data.
Enhanced system security by implementing multi-factor authentication and encryption protocols.

Tools used: Python, Django, MySQL

- **Veterinary Management System** 2022 - 2023

Role: Full-Stack Developer

Developed a comprehensive system for tracking veterinary appointments and records
Automated appointment and record management processes

Tools used: Python, Django, MySQL,

LANGUAGE

- English C2 Proficient
- Twi Proficient