

# IMPAH FRITZ AKAM

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## EDUCATION

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- **University of Bamenda (COLTECH), Cameroon**  
BTech (Computer Science and Engineering), 2025  
**Coursework:** Data Structures, Design and Analysis of Algorithms, Operating Systems, DBMS, Client-Server Development, OOP in python etc.
- **AI Programmint with Python, Generative AI, Udacity**  
**Coursework:** OOP, Neural Networks, Python, Linear Algebra, Pytorch, vector visualisation, Numpy, Gradient descent, backpropagation etc.

## WORK EXPERIENCE

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- **Web developer intern, Skye8 | Followers on LinkedIn** **FEBRUARY-SEPTEMBER, 2023**  
Developed server-side logic using Django to handle data processing and API endpoints.  
Designed and implemented database schemas to efficiently store and retrieve user data and application information.  
Collaborated with front-end developers to integrate user interfaces with backend services, ensuring a smooth user experience.  
Contributed to UI/UX improvements using HTML, CSS, and JavaScript.

## OPEN SOURCE CONTRIBUTIONS

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- **Contributor at Django Cameroon** **FEBRUARY – ONGOING, 2024**  
Developed a Post app on the Django Cameroon website API using DjangoRestFramework, enabling users to perform CRUD operations on posts, enhancing user engagement and interaction with the platform.
- **Contributor to DjangoCraft** **APRIL – ONGOING, 2025**  
Enhanced the DjangoCraft project through significant contributions to documentation and security. I developed new project documentation with MkDocs, improving developer onboarding and usability. Furthermore, I played a role in implementing two-factor authentication (2FA) for Django, directly contributing to increased security for Django applications.

## PROJECTS

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- **Organisation Management System | Python, Django, bootstrap, HTML, JavaScript, CSS, PostgreSQL**  
Designed and built the backend architecture for a business management software, including user authentication, authorization, and data management.  
Developed RESTful APIs using Django to manage organizations, branches, and user roles.  
Implemented a PostgreSQL database to ensure efficient data storage and retrieval.  
Ensured code quality and reliability through comprehensive testing (100% test coverage).
- **Image Annotation Platform | Django, React, PostgreSQL**  
Developed the backend API using Django to manage image data, annotations, and user interactions.  
Integrated the backend with a React frontend for a seamless user experience.  
Utilized PostgreSQL for efficient storage and retrieval of image and annotation data.

## TECHNICAL SKILLS

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- **Backend Development:** Python, Django, Django Rest Framework, Node.js (Introductory knowledge, actively learning), Express.js (Introductory knowledge), RESTful APIs
- **Frontend Development:** HTML, CSS, JavaScript, React, Bootstrap, tailwind
- **Languages:** C/C++, Python, java, JavaScript, Go
- **Databases:** PostgreSQL, SQLite3
- **Other:** Git, VS Code, Docker, Agile Methodologies