BOROHOUL SOGUELNI MALACHIE

🌐 Porfolio | ⊙ Github | 🔗 LinkedIn | ☐ +237 697 140 690 | M malachieborohoul@gmail.com

SKILLS

- Flutter | Dart | Bloc | Provider | C# | .NET | JavaScript | Node | Express | React | Python | Django | MySQL | PostgreSQL | NoSQL | Php | Codeigniter | Git
- BLoC Pattern | SOLID Principles | Clean architecture | TDD | Docker | Kubernetes | CI/CD | Unit Testing | Agile Scrum
- Mobile Development | Full-Stack | English, French

EXPERIENCE

Software Engineer   Africa Lead Corporation   *Ngaoundere, Cameroon* **10/2022-Curren**t

- Developed a salon booking mobile application using **Flutter**, incorporating **TDD**, **Bloc**, and **Clean Architecture**, with advanced features such as subscription verification via QR code and push notifications. I also implemented a **CI/CD** pipeline to streamline deployment on **Azure**, reducing production time by 50% while ensuring seamless interaction with a **REST API**.
- Spearheaded the development of a Mission Tracking Management API within the enterprise, utilizing advanced technologies such as **Docker** for containerization and **Kubernetes** for orchestration. Leveraging **Node.js** and **PostgreSQL**, I successfully integrated diverse technical components, which resulted in a 50% reduction in deployment time and a 30% improvement in system reliability.
- Participated in a mission to gather information for creating a school management application, actively contributing to the analysis and design phases. I also developed a complete end-to-end admissions module using **Django REST API** for the backend and **React.js** for the client side. All applications were containerized with Docker and integrated into a **Continuous Integration** pipeline to **Azure**, with **Continuous Delivery** to a server. This ensured smooth integration between backend and frontend components, while enhancing deployment and version management.
- Developed a project management application using **.NET**, with **ASP.NET Core Web API** for the **backend**, integrating a third-party authentication service via **Duende Identity Serve**r, and **Blazor WebAssembly** for the client side. By adhering to **SOLID** principles, **Clean Architecture**, and robust testing practices, I ensured high code quality and maintainability. Additionally, I implemented a **CI/CD** pipeline to **Azure** and a remote server, which streamlined the deployment process.

Software Engineer   GIZ   *Ngaoundere, Cameroon* **11/2022-12/2022**

- Participated in a hackathon organized by GIZ to develop a web application for showcasing activities and tracking booths during the Cameroon-German Cooperation Day.

Software Engineer Intern   MBCODE   *Douala, Cameroon* **06/2022-09/2022**

- Spearheaded the end-to-end development of a mobile E-Learning application called MBSCHOOL for MBCODE Company, creating a **REST API** that seamlessly integrates with the app. This initiative, powered by **Node.js**, **PostgreSQL**, and **Flutter**, was designed to drive digital transformation within the sector.

Software Engineer Intern   University Institute of Technology   *Ngaoundere, Cameroon* **06/2021-09/2021**

- As part of my internship at the University Institute of the University of Ngaoundéré, I had the opportunity to design and develop a web application for managing and tracking alumni from the University Institute of Technology in Ngaoundéré. I implemented the application using CodeIgniter. This experience allowed me to apply my skills and contribute to the creation of a valuable tool for the institution.

EDUCATION

Bachelor degree in software engineering   *Ngaoundere, Cameroon* **12/2021-12/2022**

University Institute of Technology

Diploma of Technology in computer engineering   *Ngaoundere, Cameroon* **09/2020-10/2021**

PROJECTS

- **MBSCHOOL :** An E-Learning mobile app
- **Facturo:** An Enterprise Desktop Invoice Maker   Link to app presentation
- **Phamoclock:** An Intern Management Mobile App
- QR Code Taxi Info App

CERTIFICATIONS

- **Introduction to Agile Development and Scrum**
Coursera
Date of Completion: 08/2024