

BERNARD NGANDU

Lac Kipopo, Lubumbashi, Haut-Katanga, Democratic Republic of Congo

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EXPERIENCE

Auto Lubumbashi

Jun 2024 – Now

Software Developer

Lubumbashi, DRC

- Complete migration of legacy applications to modern architectures based on Node.js and React.js.
- In-depth refactoring and optimization of existing databases.
- Reinforced security aspects, in particular fine-tuned access and permissions management for critical internal business applications.

Legalter Group, SaSu

Feb 2023 – June 2024

Web Developer Consultant

Lubumbashi, DRC

- Led the complete migration of a legal monitoring SaaS site from WordPress to Symfony, improving page loading speed by 80% and streamlining database management.
- Created an advanced search system with indexing, enhancing search efficiency by 50%, and implemented strict data protection measures, ensuring 100% user confidentiality and compliance with data privacy regulations.
- Developed a subscription system offering personalized legal services, resulting in an increase of over 100 new users per month and 12 new subscriptions per month, significantly enhancing user engagement and meeting specific legal needs.

Investing In People ASBL

Feb. 2023 – Apr. 2024

Web Developer Consultant

Kinshasa, DRC

- Migrated from an Excel database via Google Form to a customized platform developed using Symfony, dedicated to managing the profiles of women working in STEM in the DRC, saving +10 days of manual effort for candidates selection and significantly improving data accuracy.
- Integrated complex business rules for profile selection, ensuring efficient and accurate candidate management.

GoodBytes.nl

Feb 2021 – Apr 2022

Web Developer Consultant

Amsterdam, Netherlands

- Developed web solutions using Openfire, creating a REST client with Angular to enhance communication capabilities.
- Utilized the XMPP protocol extensively to facilitate instant and secure communications.
- Contributed to the development of Converse.js, an open-source chat client, improving functionality and optimizing performance.

EDUCATION

Université Nouveaux Horizons

Dec. 2024 – Present

Master's degree, Software Engineering

Lubumbashi, DRC

Université Nouveaux Horizons

Oct. 2021 – July 2024

Bachelor's degree, IT networks and infrastructures

Lubumbashi, DRC

PROJECTS

Devscast YouTube Channel | Technical Content Creator

2021 - Present

- Published 31+ technical videos, covering best practices, API development, software architecture, and CI/CD workflows.
- Grew the channel to 2.4K+ subscribers and 60K+ total views, demonstrating strong audience engagement within the developer community.
- Showcased expertise in modern web development practices, contributing to professional credibility and visibility.

TECHNICAL SKILLS

PHP, Symfony, Twig, Typescript, Express, Doctrine, Stimulus, HTML/CSS, JavaScript, SQL, React Native, React
AWS, Github Action, Rest APIs, Node.js, AI, LLM
Linux, Git, MariaDB, MySQL, GitHub, Gitlab

LEADERSHIP / EXTRACURRICULAR

Google Developer Student Club

June. 2022 – July 2023

Leader

Université Nouveaux Horizons

- President of the Computer Club (60+ members)
- Zindi Ambassador for the Democratic Republic of Congo, where I support and encourage innovation in data science and artificial intelligence through competitions and events