JENNIFER LAWRYNN AKA'A NYANGONO

Software Engineer

📞 +237 6 90 77 78 59   ✉ lawrynnjennifer@gmail.com   in linkedin.com/in/jennifer-lawrynn-aka-a-79842b1b3   🌐 Portfolio

SUMMARY

Fullstack Software Engineer (Python, PHP, JavaScript) certified AWS Solutions Architect with 2 years of experience designing and deploying scalable business applications (LMS, CMMS, web platforms). Passionate about performance, security, and user impact, seeking a challenging role to innovate and drive digital transformation.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate   **July 2023**
Credly: Full Link

EDUCATION

Protestant University of Central Africa   **Sep. 2020 – Aug. 2022**
Master of Engineering Science, Computer Engineering   *Yaoundé, Cameroon*
  – Developed a Digital Patient Record coupled with ML-assisted diagnostic support (Python, Laravel, MySQL).

PROFESSIONAL EXPERIENCE

CFAO Mobility Academy   **Oct. 2024 – Present**
Fullstack Developer Intern   *Yaoundé, Cameroon*
  – Designed, developed, and deployed a modular Learning Management System (LMS) using PHP, JavaScript, and MongoDB.
  – Optimized MongoDB queries, achieving an 80% page load speed increase; used UML to craft an extensible architecture.
  – Delivered an admin module in two phases, ensuring reliability, scalability, and user satisfaction.
  – Conducted in-depth code reviews, advanced debugging, and aligned development workflows with business goals.

CAMI (CFAO Mobility)   **Jul. 2024 – Sep. 2024**
Systems & Network Analyst Intern   *Yaoundé, Cameroon*
  – Provided IT support and user assistance across systems and networks.
  – Coordinated development of a vehicle repair tracking platform.

Orange Cameroon   **Aug. 2023 – Feb. 2024**
Backend Developer Intern   *Douala, Cameroon*
  – Built a request management application using ASP.NET Core MVC and Entity Framework.
  – Implemented unit tests (xUnit) and tested APIs with Swagger and Postman; managed authentication via Keycloak.
  – Drafted technical and functional specifications to ensure clear project objectives.

CAMTEL   **Mar. 2020 – Jul. 2020**
Fullstack Developer Intern   *Yaoundé, Cameroon*
  – Developed a customer complaint collection platform (Java EE, Oracle DB), improving satisfaction by 36%.
  – Performed testing, debugging, and workflow optimization, reducing resolution time by 17%.

TECHNICAL SKILLS

Back-end: Python, C#, PHP, Django, Laravel, ASP.NET Core MVC, Node.js, Express.js

Front-end: JavaScript, HTML5, CSS, React js, Next.js

APIs: Django REST, Swagger, Postman

Cloud: AWS (EC2, Lambda, RDS, S3, VPC, ELB, CloudFront, IAM, KMS, CloudWatch, CloudFormation, SNS, SQS)

Databases: MongoDB, PostgreSQL, MySQL, OracleDB, SQLite

Tools & CI/CD: Git, GitHub, Docker, Keycloak

Methodologies: UML, TDD, Code First

Security: Authentication, Authorization, Data Protection

Soft Skills: Problem Solving, Collaboration, Time Management

PROJECTS

  • **Digital Patient Record** – Built an ML-assisted diagnostic solution (Python, Laravel, MySQL).
  • **Internal LMS (CFAO)** – Deployed a modular Learning Management System (PHP, JS, MongoDB).
  • **Complaints Platform (CAMTEL)** – Developed a client feedback system reducing resolution time by 17% (Java EE, OracleDB).
  • **CMMS Freelance** – Developed a Computerized Maintenance Management System using React.js, TypeScript, and Node.js/Express, PostgreSQL.
  • **Intelligent Matching Freelance** – Created an automatic professional compatibility matching platform for new hires and CFAO employees (React.js, TypeScript, Node.js/Express, Monngo DB).

LANGUAGES

  • **French**: Native
  • **English**: Intermediate

INTERESTS

  • Testing AI tools, Prompt Engineering, Workflow Automation
  • Korean Culture, Football, Puzzles