



CONTACT

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EDUCATION

- 2023 - Present
JUNIA ISEN - LILLE, FRANCE
 - Msc Software Engineering (Bac +5)
- 2020 - 2023
KNUST - KUMASI, GHANA
 - Bsc Computer Science

SKILLS

- Java (Spring Boot)
- React.js
- TypeScript
- RESTful APIs
- HTML5 / CSS3 / JavaScript (ES6+)
- Node.js
- Python (FastAPI)
- PostgreSQL
- MySQL
- Docker
- AWS

LANGUAGES

- English (Native)

HOBBY

- Creating 3D art with Blender

EMMANUEL KUMAH

JUNIOR FULL-STACK DEVELOPER

LinkedIn - linkedin.com/in/emmanuel-kumah/

Github - <https://github.com/easyblend>

PERMANENT (CDI) FULL-STACK ROLE

Full-stack developer with a strong focus on React, TypeScript, Java, and Python, experienced in building scalable web applications from backend APIs to frontend UI. Comfortable with cloud deployments, CI/CD pipelines, and cross-functional teamwork. Currently seeking a CDI role to contribute to fast-paced, impact-driven teams.

PERSONAL PROJECTS

React, TypeScript, Java, Spring Boot, Azure, Terraform

Azure Spatial showdown

A turn-based quiz war where players outsmart each other to conquer nations. Attack with tricky questions, defend with quick answers, every correct hit wins you territory, every miss loses one. First to 10 nations claims victory. <https://spatial-showdown-production.up.railway.app/>

Python, Fast API, React, TypeScript, Docker

Biological Sample Management App

A streamlined web app for recording and managing biological samples. Enables efficient data tracking, live API interaction, and comment logging — all within a responsive, dockerized, developer-friendly interface. <https://github.com/Easyblend/Biological-Sample-Management>

WORK EXPERIENCE

Software Engineer Intern – Quality Focus

Shift Technology

Mar 2025 - Present
Paris, France

- Designed and implemented a performance testing framework using K6 (TypeScript) and OctoPerf, covering frontend and backend API validation for a web application with over 10,000 monthly active users.
- Developed 20+ reusable test scripts simulating realistic user flows, integrated into CI/CD pipelines (Git, Jenkins, Docker), enabling automated performance feedback and reducing manual testing effort by 40%.
- Conducted tool evaluations comparing K6 and OctoPerf, selecting K6 for its custom scripting capabilities and precise metrics, and OctoPerf for rapid test creation and comprehensive reporting, optimizing testing efficiency by 30%.
- Analyzed performance data, identified key frontend bottlenecks, and established baseline KPIs, leading to a 15% improvement in page load times and a 10% increase in user engagement metrics.

Frontend developer - (Internship & Freelance)

Station F, Kanop

Mar 2024 - Feb 2025
Paris, France

- Enhanced code reliability by implementing unit and integration tests using Jest and React Testing Library, achieving 90% test coverage.
- Focused on scalability and long-term maintainability by refactoring legacy code and introducing a modular, scalable architecture that reduced future maintenance overhead.