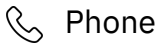


Ousmane Bathily

Software Engineer — Fullstack, Infrastructure & Architecture

Fullstack software engineer with a focus on architecture and infrastructure, and a strong commitment to software quality, security, and automation. Experience in web platform development, Linux environments, and CI/CD pipelines.



Phone

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Email

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Website

bathilyousmane.com



Location

92, Hauts-de-Seine, France

Skills

Languages

- Python
- TypeScript / JS
- Go
- Rust
- Bash
- SQL
- PHP

Backend & API

- Django
- FastAPI
- Node.js
- PostgreSQL
- GraphQL
- Celery
- WebSockets

Frontend

- React
- Next.js
- Angular
- Tailwind CSS
- Material UI
- Sass

DevOps & Infra.

- Docker
- GitHub Actions
- GitLab CI
- Nginx
- AWS / Azure

Education

M1 - Digital Development Consulting

Digital School of Paris - Vincennes (94), France

Bachelor's Degree in Physics

Université Paris Saclay, France | 2019-2022

Scientific High School Diploma

Lycée Arago - Paris, France | 2016-2019

Languages

- French (native language)
- English (business level)
- Spanish (business level)

Employments

Fullstack Developer - Permanent

2024 - now

Ensure the security of health data.

Euris Health Cloud - Boulogne Billancourt (92)

ADEP²T Project

- Design and development of a health data de-identification platform that ensures confidentiality and regulatory compliance.
- Development of a modular architecture based on Django, Next.js, and PostgreSQL.
- Setup and maintenance of CI/CD pipelines and containerized deployment environments.
- Application security management: authentication, access management, HTTPS/SSL, dependency auditing, and OWASP best practices.
- Optimization of backend/frontend performance and continuous improvement of platform reliability.
- Maintenance of Linux infrastructure and application troubleshooting in a production environment.
- Drafting of technical documentation and participation in architectural decisions and technical evolutions.

MOBIUS² Project

- Development of a tool to automate the deployment of workspaces for a healthcare data warehouse.
- Standardization of the creation, configuration, and maintenance of secure application environments.
- Automation of deployment operations to reduce manual intervention and ensure reliable production rollouts.
- Integration with existing infrastructure: Linux services, deployment scripts, application configuration, and error monitoring.

Fullstack Developer - Permanent

2024 (6 months)

Support solution when implementing transfer pricing policies.

Deloitte - La Défense (92)

- Contributed to the development of an AI-powered automated pricing tool for price transfers.
- Developed user interfaces (Angular, Tailwind) and REST APIs (Django) to streamline business processes.
- Automated calculations using Celery and deployed them via containerized environments.

Employments (continued)

Fullstack Developer - Freelance

AI tools to improve SME workflow.

2023 - 2024 (8 months)

Transformation Factory | Paris, France

- Development of AI tools (OpenAI API) to improve workflows for small and medium-sized businesses and facilitate decision-making.
 - Creation of a modular architecture integrating Django, Django REST Framework, and Next.js, with deployment on OVH Cloud, Vercel, and Azure.
 - Implementation of CI/CD pipelines (GitHub Actions) and customer support for continuous improvement and the addition of new services.
-

Python Developer - Internship

Snoowze - Centralized hardware management.

2022 - 2023 (1 yr, 4 months)

Thales LAS France | Limours, France

- Optimization of the energy consumption of radar platforms using an internal web application using Django.
- Development of a centralized interface integrating the operational status of the equipment.
- Design of a library of primitives and implementation of finite state machines in Python.