

# DAVID MAMBOU FOTIE

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## Full Stack Software Engineer

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## CAREER SUMMARY

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Full Stack Engineer with 3 years of experience building web applications mainly using React, NodeJS and Python. Prior to entering Software Engineering, worked closely with Japanese clients on surveying hardware for two years. Open to contribute to Web Development projects on both front and back-end.

## WORK EXPERIENCE

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### Digirise

Software Engineer | November 2024 - April 2025 | Contract

- Redeveloped both front-end and back-end of a B2B AI chat platform
- Implemented CI workflows to guarantee the application of best coding practices by every member of the developing team
- In collaboration with the product management team, developed new features responding to the final client's requests
- Technologies: **TypeScript, React, Next.js, OpenAI, Claude and Gemini APIs, Firebase, GCP**

### ExaWizards

Software Engineer | December 2023 - April 2025 | Full time

- Collaborated with international teams of 10 to 20 developers to design and develop multiple B2B AI-based software products, contributing to the successful launch of two major projects
- Integrated software into internal deployment pipelines based on GitHub's CI/CD tools
- Led the migration of older systems to modern tech stacks, enhancing system reliability and maintainability
- Supported junior developers with front-end code reviews and guidance, contributing to improved team velocity and reduced review cycles
- Technologies: **TypeScript, React, Next.js, Remix, Python, Kotlin, GitHub Actions, Jest, AWS**

### BBSakura Networks

Software Engineer | February 2022 - Present | Contract

- Led front-end development of an internal resource management app using React and Remix, building the UI from the ground up to support cross-team workflows
- Redesigned and enhanced a B2B application's front-end, delivering 4 major features and improving user experience based on direct client feedback and usability testing
- Implemented E2E test suite using Playwright, achieving ~30% UI coverage and reducing production bugs by catching regressions in core user flows early
- Quickly ramped up on unfamiliar technologies and delivered high-quality features under tight deadlines; received direct recognition from client for adaptability and technical ownership
- Collaborated within a team of 6 developers, performing code reviews, sharing best practices, and contributing to a culture of high-quality, maintainable front-end code
- Technologies: **TypeScript, React, Next.js, Remix, Go, GitHub Actions, Playwright, Docker**

### YellowScan - Japan & France

Support & Sales Engineer - LiDAR Surveying | January 2020 - October 2021 | Full time

- Customer Support: trained 10+ customers in the field, supported them on aerial survey projects, ensuring they successfully conduct their missions
- Pre-Sales: product presentations and on-site proofs of concept to 20+ potential customers, 60% closed a sale

## EDUCATION

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**2021 | Le Wagon Tokyo**

Full Stack Web Development Bootcamp

**2013 - 2018 | INSA Lyon, France**

Master of Engineering

## SKILLS

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### CI/CD, Cloud Platforms, Deployment Tools

Amazon Web Services, Google Cloud Platform, Firebase, Vercel, Heroku, GitHub Actions

### Unit Testing

Playwright, Jest

### Programming Languages

JavaScript, TypeScript, Python, Kotlin, Java, Ruby, Go, HTML, CSS

### Frameworks

React, Next.js, Remix, Ruby on Rails

### AI & ML APIs

OpenAI, Claude, Gemini

### Web Technologies

WebSocket, REST, gRPC

### Databases & DevOps Tools

PostgreSQL, NoSQL, Docker

### Languages

French, English: Native level

Japanese: Business level (JLPT N1)

German, Italian, Mandarin Chinese, Korean: Conversational level