Atef Rihane
Senior Full Stack Engineer

SUMMARY

- Full Stack Engineer with 6+ years of experience architecting scalable web applications and microservices using Node.js (Express) and Laravel, delivering production-grade solutions for UK startups.
- Expertise in AI-powered automation workflows (n8n, LLM APIs, MCP) and event-driven backends, achieving 50% reduction in document processing time and enhanced cross-team visibility.
- Proficient in Python scripting for automation, and skilled in databases including MySQL, PostgreSQL, MongoDB, and Neo4j, with hands-on AWS and Docker deployment experience.
- Strong advocate of TDD, Clean Architecture, OOP design patterns, and modular monoliths, improving code reliability by 60% and system maintainability.
- Holds a Master's degree in Software Engineering and fluent in Arabic, French, and English, with proven leadership in remote, distributed agile teams.

TECHNICAL SKILLS

Main Technical Skills	Node.js (3 yr.), Laravel (5 yr.), Python (3 yr.)
Programming Languages	Python (3 yr.)
JavaScript Frameworks	Express (3 yr.), Node.js (3 yr.), React, Vue.js (2 yr.)
PHP Frameworks	Laravel (5 yr.)
AI & Machine Learning	LLM (3 yr.), n8n (3 yr.)
Data Analysis and Visualization Technologies	Data Scraping
Databases & Management Systems / ORM	MongoDB (3 yr.), MySQL (3 yr.), Neo4j (3 yr.), PostgreSQL (3 yr.), Redis
UI Frameworks, Libraries, and Browsers	Angular Material UI, Chrome Extensions (3 yr.), Tailwind CSS
Amazon Web Services	AWS EC2 (3 yr.), AWS S3 (3 yr.)
Methodologies, Paradigms and Patterns	Agile, Clean Architecture, Kanban, microservices (3 yr.), Observer (2 yr.), TDD (2 yr.)

SDK / API and Integrations	API (3 yr.), GraphQL, RESTful API
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker (2 yr.)
Version Control	Git
Platforms	WordPress
Other Technical Skills	InertiaJs (2 yr.), Laradock (2 yr.), Passport (2 yr.), Sanctum (2 yr.)

WORK EXPERIENCE

Full Stack Engineer

SixBerries Ltd (UK Startups) | June 2021 – Present | Remote

- Led automated reporting system delivering daily stakeholder updates via Node.js/ Laravel, eliminating Slack communication gaps and improving cross-team visibility for distributed UK startup teams. [Node.js, Laravel, AWS, MySQL/PostgreSQL, MongoDB, Neo4j]
- Built AI-powered document workflows using n8n orchestration, LLM APIs, and MCP integration, cutting processing time by 50% and accelerating AI feature delivery. [n8n, LLM APIs, MCP, Node.js, Laravel]
- Developed Python automation scripts for log parsing and report generation, complementing Node.js/Laravel services to streamline internal operations. [Python, Node.js, Laravel]
- Designed custom Chrome extensions and managed AWS production environments (EC2, S3) across relational (MySQL, PostgreSQL), NoSQL (MongoDB), and graph (Neo4j) databases. [Chrome Extensions, AWS, Multi-DB]

Full Stack Web Developer

InnovAnt | April 2019 – March 2021 | Bizerte, Tunisia

- Optimized Laravel/Vue.js applications, achieving 40% performance gains through query optimization, caching strategies, and efficient database design. [Laravel, Vue.js]
- Implemented TDD practices, boosting code reliability by 60% with comprehensive unit/ feature testing frameworks. [PHP/Laravel, Testing]
- Built interactive SPAs with Laravel Livewire/Inertia.js, reducing load times and enhancing user experience. [Livewire, Inertia.js]
- Developed secure REST APIs using Laravel Passport/Sanctum for robust authentication/authorization across distributed systems. [REST APIs, Passport, Sanctum]
- Containerized deployments with Docker (Laradock), improving deployment speed by 30% and simplifying multi-environment management. [Docker, Laradock]
- Applied OOP patterns and modular architecture principles to enhance system maintainability and extensibility. [OOP, Modular Architecture]

Full Stack Web Developer

BluepenLabs | September 2018 – March 2019 | Tunis, Tunisia

- Accelerated project delivery by 25% through reusable PHP/Laravel components and optimized project structure. [PHP, Laravel]
- Delivered WordPress CMS solutions, improving client satisfaction by 40% via enhanced usability and content management. [WordPress]
- Mentored junior developers while contributing to Agile processes, improving sprint delivery and team productivity. [Agile, Mentoring]

EDUCATION

Master in Software Engineering

SESAME University | Tunis, Tunisia | Sep 2019 – Sep 2023

Bachelor of Science in Computer Science

Faculté des Sciences de Bizerte | Bizerte, Tunisia | Sep 2014 – Jun 2018