



Carmela URBANO

FULL STACK DEVELOPER

Full Stack Web Developer focused on building scalable, high-performance, and secure web applications. With a background in Industrial Engineering and training in SOC analysis, I bring a strong combination of analytical thinking, security awareness, and a systems-driven approach to problem-solving. Experienced in React, Node.js, and PostgreSQL, I design and deliver reliable, maintainable solutions while ensuring performance, scalability, and data protection.

Technical Skills

Web Development:

- **Frontend:** React, JavaScript (ES6), TypeScript (working knowledge), HTML5, CSS, Bootstrap, UX/UI, SwiftUI, Responsive Design, REST API Integration.
- **Backend:** Node.js, Express.js, PHP, Symfony, Authentication (JWT)
- **Databases:** PostgreSQL, MySQL, MongoDB (NoSQL)
- **Tools:** Git, Postman, Jira, Figma, Swagger
- **DevOps / Cloud:** GitLab CI/CD, Docker, Linux (Ubuntu), AWS (EC2), Terraform(basic)
- **Methods:** Agile (Scrum), Unit Testing (Jest), Continuous Improvement (ISO 9000, Kaizen, Kanban, 5S).

Cybersecurity:

- **Monitoring / Observability:** Log Analysis, Incident Detection, SOC/SIEM, Wazuh, Splunk, Wireshark, The Hive, Cortex, ELK Stack (Elasticsearch).

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Languages

French

Fluent

English

Bilingual

Technical Projects

Service Availability Monitoring Application (React, Node.js, PostgreSQL)

- **Designed and developed** a full-stack web application to monitor service availability and manage system interruptions
- **Implemented RESTful APIs** and handled asynchronous data processing between frontend and backend
- **Built** real-time KPI dashboards and data visualizations using React and Recharts
- **Ensured code quality, maintainability, and scalability** following best practices

SIEM Security Lab — Wazuh, Splunk, TheHive, Cortex & MISP

- **Deployed and configured** a SIEM environment in a virtualized cloud setup (AWS)
- **Containerized** security tools (TheHive, Cortex, MISP) using Docker
- **Centralized and correlated logs** from multiple sources for real-time monitoring
- Built **dashboards** to visualize security events and system activity
- **Analyzed alerts and investigated incidents** using log analysis and IOC correlation

Soft Skills

Proactive learning and adaptability to new technologies

Strong problem-solving skills

Critical thinking mindset

Team collaboration

Professional Experiences

Software Engineer

2024 [MNH -Mutuelle Nationale des Hospitaliers](#) Amilly, France

- **Designed, developed, and maintained** a scalable full-stack web application to monitor 20+ internal systems
- **Implemented** RESTful APIs and managed data flow between frontend and backend services
- **Built real-time dashboards** and data visualizations using React and Recharts
- **Optimized application performance**, reducing reporting time by 80%
- **Participated** in the **software development lifecycle** and team collaboration
- **Debugged** and **resolved** application issues across frontend and backend
- **Used** Git for version control and collaborative development

Web Developer

De 2023 à 2024 [MNH - Mutuelle Nationale des Hospitaliers](#) Amilly, France

- **Developed** and maintained a **full-stack web application** using React and Node.js
- **Integrated REST APIs** and handled asynchronous data processing
- **Contributed** to **technical documentation** and reusable components

Administration Assistant

De 2003 à 2022 [Electromedias](#) Paris, France

- **Managed** email and fax broadcasting campaigns for pharmaceutical and medical laboratory advertising clients.

Production Planner

De 1997 à 1999 [HCG Corporation](#) Cavite, Philippines

- **Analyzed** operational data and monitored KPIs to drive informed decision-making
- **Optimized** processes and workflows applying Lean and Kaizen methodologies.
- **Managed** priorities across multiple concurrent projects in a fast-paced environment.

Production Planning & Control Head

De 1995 à 1997 [Diamond Ceramics](#) Manila, Philippines

Education & Certifications

SOC Analyst Training

De 2025 à 2026 [AJC Formation](#), Paris, France

Apple Foundation Program - SWIFTUI

Septembre 2025 [Simplon](#) Paris, France

Full Stack Developer

De 2023 à 2024 [AFPA Territoire Digital](#) Montreuil, France

Cybersecurity Fundamentals

2023 [SecNumAcadémie ANSSI](#) Paris, France

Bachelor of Science in Industrial Engineering

De 1990 à 1994 [Mapua University](#) Manila, Philippines