Oscar Daniel Yanez Vega

Information Technology Engineering | Backend Web3 and Full Stack Developer

 GitHub   oscaryave.dev
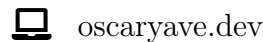
Summary

Information Technology Engineer focused on Backend, Full Stack, Web3, and blockchain technologies; specialized in microservices architecture and cloud solutions. Solid experience in developing distributed applications (DApps), smart contracts, and scalable systems, applying various languages, frameworks, and tools such as Node.js, React, Next.js, Solidity, FastAPI, PHP, Docker, AWS, and management of relational and non-relational databases.

Skilled in software architectural design, design patterns, SOLID principles, and best practices for building robust, modular, and maintainable systems. Strong orientation towards delivering efficient, secure, and user-centered solutions.

Committed to the development of innovative and socially impactful technologies.

Education

Bachelor in Information Technology Engineering

Professional Experience

- **Backend Software Developer / QA Engineer**
  Development of backend solutions, RESTful APIs, and microservices using Node.js and FastAPI. Integration of Web3 systems with Solidity and smart contracts on Ethereum (Sepolia). E2E and QA test automation for platforms based on React, Next.js, and Ruby on Rails. Implementation of quality strategies and performance optimization for distributed systems.

- **Project Management and Backend Development**
  Coordination of technology projects with multidisciplinary teams. Development and maintenance of backend applications in educational and financial sectors. Design and deployment of cloud-based solutions.

Certifications and Training

- Linux — Linux Professional Institute.

- Cybersecurity Compliance Framework & System Administration — IBM.

- Backend Development and APIs

- Relational Databases

- Various specialized certifications in Java, PHP, SOA, Cryptography, and Software Engineering.

Technical Skills

- **Software Architecture and Design:** Microservices, modular systems, SOLID principles, design patterns.

- **Backend & Web3:** Node.js, Express, FastAPI, Solidity, Web3.js, Ethers.js.

- **Frontend:** React, Next.js, responsive UI components.

- **Databases:** MongoDB, PostgreSQL, MySQL.

- **QA & CI/CD:** Cypress, Selenium, Postman, GitHub Actions.

- **DevOps:** Docker, AWS EC2, Vercel.

- **Version Control:** Git (GitHub, GitLab), GitFlow.

Languages

- **Spanish:** Native.

- **English:** Advanced.

Notes

Full version of the CV available upon request.