

JONATHAN HIPOLITO

Full Stack Developer

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PROFILE

Full Stack Web Developer with 8+ years of experience building scalable web applications, APIs, and blockchain-based systems. Specialized in React / Next.js, Node.js, and Java Spring Boot, with additional experience in AI-powered workflows, automation systems, and MCP server integrations.

Proven ability to design and deliver end-to-end solutions across Web2, Web3, and AI-driven platforms, focusing on performance, scalability, and user-centric design.

CORE SKILLS

Frontend Development

- React.js, Next.js
- JavaScript (ES6+), TypeScript
- HTML5, CSS3, UI/UX Principles

AI & Automation

- AI Workflow Integration: LLMs, API orchestration, n8n
- Automation Systems & Process Optimization
- MCP Servers / Tooling Integration
- Data Pipelines & Intelligent Task Automation

Other Technologies

- AWS / Cloud Computing
- Database Design (SQL / NoSQL)
- Git, CI/CD, Agile Methodologies

Backend Development

- Node.js (Express, REST APIs)
- Java Spring Boot (Microservices, APIs)
- Authentication, API Security

Blockchain / Web3

- Smart Contracts (Solidity, Rust)
- Ethereum, Binance Smart Chain, Solana
- dApp Development, NFTs, DeFi Systems

WORK EXPERIENCE

2021 – 2026

Freelance Full Stack, Web3 & AI Developer

Delivered full-stack, blockchain, and AI-driven solutions for global clients, focusing on scalable architectures and automation.

Key Contributions:

- Built full-stack applications using React / Next.js + Node.js + Java Spring Boot.
- Designed and implemented AI-powered workflows using LLM APIs, API orchestration, and n8n for automation, data processing, and enhanced user experiences.
- Developed automation systems to streamline business processes, reducing manual workloads and improving efficiency.
- Implemented and integrated MCP servers and AI tooling frameworks for structured AI interactions and scalable orchestration.
- Created backend services for AI-driven features such as chat systems, content generation, and intelligent task execution.
- Built and deployed DeFi platforms, NFT marketplaces, and Web3 applications.
- Developed and launched smart contracts: ERC20, ERC721, BEP20, and SPL, across multiple chains.
- Engineered Telegram bots, trading bots, and automated systems integrated with blockchain, APIs, and n8n workflows.
- Delivered end-to-end systems: frontend, backend, AI integration, automation workflows, blockchain, and deployment.

2019-2021

College Instructor - Bulacan State University

- Taught Web Development, OOP, and UI/UX principles.
- Instructed Mobile Development using Android Studio.
- Mentored students in real-world software development practices.

2019

Software Engineer - MCN Freedom! Tech Inc.

- Refactored legacy systems, improving maintainability and performance.
- Implemented unit testing strategies, increasing system reliability.
- Contributed to backend and frontend system improvements.

2017 – 2019

Software Engineer - GoDigital Corporation

- Developed scalable applications using Node.js and React.js.
- Delivered systems including Loyalty Rewards, CMS, and Gamification platforms.
- Designed REST APIs and system architecture documentation (ERDs).
- Worked within agile teams to deliver high-quality software.
- Utilized AWS cloud infrastructure for deployment and scaling.

EDUCATION

2013-2017

Bachelor of Science in Information Technology

Bulacan State University

LANGUAGES

- English
- Filipino