

Ethan Okawa

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SUMMARY

Senior Full Stack Developer delivering scalable, secure SaaS platforms, AI-powered chatbots, and blockchain-enabled web applications. Skilled across the stack – React/Next.js, Angular, TypeScript, Node.js/Nest.js, C#/NET and Python – with strong database and API design experience (Postgres, SQL Server, MongoDB, Supabase/Firebase). I design and implement RESTful APIs, payment and messaging integrations (including WhatsApp), CI/CD pipelines, and production support processes to improve performance, reliability, and user experience. Client-focused and collaborative, I translate business requirements into maintainable technical solutions and consistently deliver end-to-end projects from concept to launch.

EXPERIENCE

Freelance Full Stack Developer

Self-Employed / Upwork

February 2025 – December 2025, Remote

- Delivered end-to-end solutions for SaaS platforms, blockchain applications, AI chatbot systems, and custom web applications.
- Designed and developed scalable frontend and backend features, including responsive interfaces, business logic, database structures, and secure API-driven functionality.
- Built and integrated RESTful APIs and connected third-party services such as payment gateways, WhatsApp platforms, authentication systems, CRM tools, and other external business services.
- Developed chatbot and automation solutions to improve customer support, lead management, and communication workflows for client projects.
- Optimized application architecture, database queries, and overall system performance to improve scalability, reliability, and user experience.
- Diagnosed and resolved bugs, handled production issues, and supported testing, deployment, and post-launch maintenance.
- Collaborated directly with clients to understand requirements, propose technical solutions, and deliver reliable products aligned with business goals.

Senior Full Stack Developer

Habitat

February 2023 – January 2025, Tokyo, Japan

- Developed and maintained a SaaS platform as a Full Stack Developer, delivering scalable and reliable web application features across both frontend and backend.
- Designed and implemented user-facing interfaces, backend services, and database-driven functionality to support core product operations and improve the overall user experience.
- Built chatbot systems and WhatsApp automation workflows to streamline customer communication, automate repetitive business processes, and enhance response efficiency.
- Integrated payment gateways and multiple third-party APIs, including messaging, authentication, notification, and external business service providers, ensuring secure and seamless data exchange across the platform.
- Designed, developed, and consumed RESTful APIs to connect internal and external systems and support feature expansion across the platform.
- Improved database queries, application architecture, and overall system performance to increase scalability, stability, and maintainability.
- Diagnosed and resolved bugs, handled production support and troubleshooting, and contributed to reliable day-to-day platform operations.
- Collaborated closely with cross-functional teams to deliver new features, enhance existing functionality, and support ongoing product growth.

Senior Full Stack Developer

Cybozu

July 2019 – November 2022, Chuo-ku, Tokyo, Japan

- Developed and maintained full-stack web applications using C#, .NET, Angular, TypeScript, and SQL Server.
 - Built and integrated RESTful APIs to support frontend features, internal tools, and third-party services.
 - Designed scalable backend architecture, improved database queries, and optimized application performance.
 - Collaborated with product, design, and QA teams to deliver new features, fix bugs, and improve user experience.
 - Implemented authentication, role-based access control, and secure coding practices across the platform.
 - Wrote reusable frontend components, added unit/integration tests, and supported CI/CD deployment workflows.
 - Monitored production issues, performed troubleshooting, and delivered stable releases in an agile environment.
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PROJECT

Advmastersia

Freelance • advmastersia.com.br/ • March 2025 – November 2025

- Independently designed, developed, and launched Advmasersia end-to-end, owning the full lifecycle from architecture and backend implementation to frontend delivery, deployment, and post-launch support.
- Built the platform with Next.js and Supabase, implementing scalable application flows, database structure, API integrations, and a responsive user experience tailored for production use.

- Integrated third-party services, including Evolution API, Google Calendar, Microsoft Calendar, and ChatGPT, to support automation, scheduling, communication, and AI-powered functionality.
- Set up monitoring, analytics, and reliability tooling with Grafana, Sentry, and GA4, enabling performance tracking, issue detection, and data-driven product improvements.
- Managed cloud infrastructure and supporting services across DigitalOcean, Upstash, Google services, and Google Fonts, ensuring stable deployment, smooth performance, and maintainable long-term operations.

Habitat

Habitat • www.habitats.co.jp/ • February 2023 – January 2025

- Developed and maintained Habitat, a SaaS/OMO platform for sauna and bath facilities, covering reservations, mobile check-in, prepayment, subscription management, and customer account flows.
- Built full-stack features for both customer-facing and admin systems, improving usability for facility operators and streamlining daily operations.
- Integrated APIs, payment workflows, and database-driven business logic to support bookings, memberships, CRM data handling, and operational reporting.
- Improved performance, fixed production issues, and supported ongoing feature releases in close collaboration with product, design, and business stakeholders.
- Contributed to architecture and code quality across the platform, focusing on scalable development, maintainability, and a smooth user experience.

EDUCATION

Master of Business Administration

Graduate School of Management, GLOBIS University • Tokyo, Japan • 2020

- Strategy, Marketing, Finance, Leadership, Entrepreneurship

Bachelor's degree

Minor in Computer Science • Waseda University • Shinjuku, Tokyo • 2018

- ACM/IEEE student member, Programming/Developer Club

SKILLS

Frontend: Next.js, React, Angular, TypeScript, JavaScript, Responsive Web Development, UI Component Development, Frontend Architecture, User Interface Optimization

Backend: C#, .NET, Node.js, Nest.js, PHP, Laravel, Python, RESTful API Development, Backend Architecture, Business Logic Implementation, Secure Server-Side Development

Database: PostgreSQL, Supabase, Firebase, Sql server, MongoDB, Database Design, Query Optimization, Performance Tuning, Data Modeling

API Integration: Third-Party API Integration, Payment Gateway Integration, WhatsApp Integration, Authentication Integration, CRM Integration, Messaging and Notification Services

AI and Automation: AI Chatbot Development, Chatbot Workflow Design, Conversational Flow Implementation, Customer Support Automation, Lead Management Automation, Business Process Automation

Blockchain: Blockchain Application Development, Blockchain-Based Solution Integration

Architecture and Performance: Scalable Application Architecture, System Design, Application Performance Optimization, Reliability Improvement, Maintainable Code Structure

Security: Authentication, Role-Based Access Control, Secure Coding Practices, API Security, Application Security

Testing and Support: Unit Testing, Integration Testing, Bug Fixing, Troubleshooting, Production Support, Post-Launch Maintenance

Deployment and DevOps: CI/CD Support, Release Management, Deployment Support, Production Monitoring

Collaboration: Client Communication, Requirement Gathering, Technical Solution Design, Cross-Functional Collaboration, Agile Development, End-to-End Project Delivery

Domain Experience: SaaS Platforms, Custom Web Applications, AI Chatbot Systems, Blockchain Projects, Payment Systems, WhatsApp Business Automation
