

Nio Martinez

Senior Software Engineer | Full-stack Products & Game Systems

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Profile

Software engineer with 10 years of experience in technology, delivering products end to end: user interfaces, backend services, databases, integrations, testing, deployment, and ongoing support. Background spans banking and fintech workflows, live gaming platforms, original games, identity verification, and specialized operational tools. Combines hands-on engineering with practical improvements to team workflows and delivery practices.

Core expertise

Languages & frameworks

TypeScript, JavaScript, React, Next.js, Node.js, Python, FastAPI, C#.NET

Game development & 3D

Unity, Unreal Engine, Blender

Agentic AI workflows & tools

Claude Code, Codex, Higgsfield, Google Omni; proficient in agent-assisted coding, iteration, testing, and creative production

Data & integration

PostgreSQL, Supabase, Redis, REST APIs

Cloud & deployment

Microsoft Azure, Google Cloud, Vercel, Render, Git

Product domains

Fintech operations, KYC, game systems, operator integrations, internal platforms, monitoring, and automation

Experience & collaborations

WPP | Backend Software Engineer

2 years 10 months | Ongoing

- Design and implement technical solutions for client requirements; deliver products with team leads, product managers, and project managers in agile development cycles.
- Write maintainable code using test-driven development and design patterns; develop unit and integration tests, review code, and refactor existing systems.
- Estimate project work, mentor team members, and contribute to engineering standards and technical decisions.

Metrobank | Programmer Analyst

2 years 6 months

Unravel Digital | Senior Software Engineer

2 years | Ongoing

- Build full-stack products for a digital studio across web applications, internal operations, monitoring, and business tools.
- Built identity-verification workflows, cash-disbursement monitoring, and domain/ISP monitoring tools.
- Built a centralized internal platform and business tools for project collaboration and operational workflows; contribute to company practices and engineering processes.

iGaming Partners | Full-stack Engineering

Confidential live gaming studio | 1.5 years | Ongoing maintenance and support

- Helped deliver a live baccarat platform end to end, spanning player interfaces, studio operations, backend services, and operator integrations.
- Continue maintenance and support while keeping client identity and internal implementation details confidential.

Confidential iGaming Client | Game & Platform Development

1.5 years | Ongoing maintenance and support

- Built original mines and slots games from scratch through playable delivery, including game logic, player clients, backend services, and operational tools.
- Implemented platform integrations and continue ongoing maintenance and support.

Afante Studios | Lead Developer

1 year 1 month

- Worked across full-stack web, game development, and Web3 blockchain systems for ASTRO XP.

i-cube Digital Solutions | .NET Core Developer

11 months

- Developed and tested .NET Core web applications across the application lifecycle; debugged performance issues and built reusable code and libraries.

DXC Technology | Technology Consultant II

7 months

Teleperformance | Customer Service Representative

3 months

- Provided Microsoft Xbox chat support, helping customers resolve their support needs.

Selected personal projects

Generals | Coming soon | [henerals.com](#)

Building a Game of the Generals strategy game for web, iOS, and Android, with local practice, formation setup, and a shared cross-platform foundation.

Baby Hele | Live on iOS; Android beta | [babyhele.com](#)

Offline sound machine with custom sound blends, lullabies, saved routines, sleep timers, and a nightlight.

BAHABA | [bahaba.ph](#)

Flood information platform for the Philippines, connecting community reports with timely information.

Planning Poker | [github.com/niomartinez/planning-poker](#)

Real-time agile estimation tool with shared rooms, hidden votes, and coordinated reveals.

Additional development work

Trading bots and TradingView tools; scripts and workflow automation; web and mobile applications; API integrations and custom business software.