

JOSEPH DENNIS REYES

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SKILLS

Frontend and Mobile: HTML, CSS, Tailwind CSS, JavaScript, TypeScript, React, Next.js, React Native, Expo

Backend and Databases: C#, .NET Core, REST APIs, Node.js, PHP, Python, SQL Server, PostgreSQL, MySQL, MongoDB, Firebase

Cloud and Tools: AWS, Docker, Kubernetes, Vercel, CI/CD, Linux, Git, GitHub, GitLab, Postman, Swagger, Figma, Claude Code, Cursor

PROFESSIONAL EXPERIENCE

Full-Stack Developer | Atlas Geotech LLC

June 2026 - Present

Los Angeles, California, United States

- Developed and maintained AtlasNHD, a production property and natural-hazard reporting platform using Next.js, React, TypeScript, REST APIs, and AWS across customer portals, internal workflows, and backend integrations.
- Built property-search and ordering workflows with address autocomplete, APN lookup, reverse geocoding, asynchronous report generation, status polling, cloud storage, secure PDF delivery, and report history.
- Implemented Property Exception Reports using geospatial parcel-buffer analysis with a 2.5-meter boundary across multiple hazard types, routing flagged reports through quality control (QC) before customer delivery.
- Developed the Atlas Portal iOS and Android app with React Native, Expo, TypeScript, TanStack Query, and Zustand, supporting secure authentication, property search, maps, report ordering, tracking, and PDF viewing.
- Integrated Atlas SDI and Portal Admin APIs with JWT authentication and session restoration; supported AWS deployments, CloudFront cache management, environment migrations, API routing, and production troubleshooting.

Software Engineer | ONETool Solutions, Inc.

Mar 2026 - Sep 2026

Makati, NCR, Philippines

- Developed backend API integration services for a central-banking client, owning requirements analysis, testing, and production deployment; authored test data and system integration testing (SIT) documentation.
- Automated hourly data retrieval and downstream API calls with retries and exception handling; implemented secure REST integrations with configurable mTLS/SSL, timeouts, and endpoints.
- Deployed Docker-based Node.js services and provisioned Kubernetes clusters, configuring canary routing, mutual TLS (mTLS), and fault injection through declarative service-mesh policies.

Software Developer | Watsons Philippines

Aug 2025 - Mar 2026

Pasay, NCR, Philippines

- Developed the HRO Dashboard for 13,000+ employee records using Next.js, TypeScript, Tailwind CSS, C# .NET, and SQL Server, delivering real-time HR analytics and reporting.
- Built 15+ secure RESTful APIs and ETL pipelines integrating Hatch/Cornerstone, Oracle HCM, and Know App, processing 13,000+ records with automated validation and CSV generation.
- Reduced manual processing by approximately 50% with SQL Server stored procedures and scheduled jobs; implemented authentication and RBAC and supported SIT/UAT, documentation, and production enhancements.

Freelance Software Engineer | US Client

Jan 2024 - Jul 2025

United States (Client)

- Delivered full-stack web applications using Next.js, TypeScript, Node.js, Python, and SQL databases, owning architecture through deployment and production support; integrated AI APIs and payment systems.
- Built automation pipelines with scheduled jobs, asynchronous processing, retries, and logging; implemented secure authentication, role-based access control, and API validation.

NOTABLE PROJECTS

VAssist AI

- Built an 18-module SaaS platform using Next.js, React, TypeScript, Supabase, and the Anthropic API, with AI chat, CRM, invoicing, and row-level security for multi-tenant data isolation.
- Integrated Stripe subscription billing, customer management, and the Customer Portal, with Zustand for shared state; supported real users and payments through testing, documentation, and UX improvements.

EDUCATION

Bachelor of Science in Computer Science

Sep 2021 - Jul 2025

STI College San Jose del Monte | Cum Laude; Excellence in AI and IoT Solutions Award.