Reggie Gian Escobar

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TECHNICAL SKILLS

Languages: Typescript, Ruby, Python, Rust
Backend & Data: Node.js, PostgreSQL, MongoDB, Redis, GraphQL
Cloud & Infra: AWS, GCP, Pulumi, Docker, GitHub Actions, Ansible, Packer, Vault
Data & AI: Temporal, Airflow, Spark, Pinecone
Frontend: Next.js, NuxtJs, React, Vue, Astro

WORK EXPERIENCE

Senior Backend Software Engineer, Propertyfi AI | Scottsdale, AZ, USA   **Feb 2024 - present**
- Owned backend, distributed systems, and AI infrastructure across AWS & GCP, maintaining 99.9% uptime.
- Led infrastructure-as-code with Pulumi, including production database migrations and a successful AWS to GCP platform migration. Built and maintained a self-managed PostgreSQL infrastructure (replication, backups, monitoring, log rotation), with automated provisioning and configuration via Ansible and Packer.
- Built large-scale data pipelines and high-throughput Temporal workflows generating 10K+ qualified leads/month.
- Developed Python SDKs, CV pipelines, and AI-assisted engineering workflows.

Senior Full-stack Software Engineer (part-time), Central | San Francisco, CA, USA   **Feb 2024 - Nov 2024**
- Implemented OIDC authentication and integrated QuickBooks for payroll workflows.
- Migrated payroll infrastructure using Plaid, supporting international payroll operations.
- Built Next.js UI and an LLM-powered Slack bot for HR and payroll automation.

Senior Software Engineer II, Appier | Taipei, Taiwan   **May 2022 - Feb 2024**
- Reduced analytics platform load time from 20.56s to 602ms through cross-stack optimizations.
- Designed scalable analytics dashboards and optimized GraphQL and data pipelines for millions of APAC users.
- Built data aggregation systems and co-developed ETL pipelines using Airflow, Spark, and AWS S3.

Full-stack Software Engineer, Ternio d.b.a Unbanked | Atlanta, GA, USA   **Jan 2020 - Nov 2021**
- Built crypto staking and cashback features and integrated credit-card cryptocurrency purchases via third-party banking systems.
- Implemented real-time fraud monitoring and alerting to detect and reduce fraudulent transactions.

Product Manager, Symphony Communications | Palo Alto, CA, USA   **May 2019 - Nov 2019**
Senior Software Engineer, Belize Social Security Board | Belmopan, Belize   **Jun 2015 - Aug 2016**

RELEVANT PROJECTS

Danbing AI, danbing.ai **| Taipei, Taiwan**   **Nov 2025 - present**
- Built Danbing AI, an AI-powered Traditional Chinese learning platform focused on character comprehension, spaced repetition, and multi-modal learning, using Next.js, TypeScript, PostgreSQL, MongoDB, and Cloudflare R2.
- Designed language-learning features combining AI-generated explanations, audio (TTS), images, and structured review systems, enabling learners to study characters, vocabulary, and usage context in an integrated workflow.

- Implemented backend services and data pipelines for content generation, storage, and retrieval, supporting scalable lesson delivery and personalized review experiences.

DecodeThisText, decodethistext.com **| Taipei, Taiwan**   **Jan 2026 - present**
- Built DecodeThisText, an emotion-driven relationship analyzer that decodes text conversations and screenshots using AI to provide psychological insights, using Astro, TypeScript, PostgreSQL, Prisma, and NodeJs.
- Implemented a conversion-optimized funnel with free previews and paid full analysis, featuring anonymous sessions, email-based entitlements, and Paddle payment integration for monetization.

EDUCATION

MBA, National Tsinghua University (2018)
Bsc. in Computer Science, University of Belize (2016)