

Vaibhav Prakash — Full Stack Developer

+917528915305 | imvprakash1@gmail.com | LinkedIn | GitHub

Full Stack Developer | Software Engineer | AI/ML Integration Specialist

PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience building high-performance web and mobile applications across fintech, legaltech, healthtech, and consumer AI domains. Proficient in front-end (Vue.js, Nuxt, React Native, Swift/SwiftUI), back-end (Node.js, Python, Bun), and cloud-native architectures (AWS, Azure, GCP). Expertise in multi-model AI integration (OpenAI, Anthropic, Cohere, Mistral), real-time streaming systems, data pipeline engineering (15+ custom Singer taps), and cross-platform mobile development. Strong track record in designing MCP servers, RAG systems, subscription billing platforms, and CI/CD automation at scale.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, Swift **Frameworks:** Vue.js, Nuxt.js, React Native, Node.js, FastAPI, Quart, .NET **Databases:** PostgreSQL, Firebase/Firestore, MongoDB, DynamoDB, Qdrant (Vector DB), Milvus **Cloud & Platforms:** AWS (S3, ECS/Fargate, DynamoDB, ECR, Secrets Manager), Azure, Google Cloud (Cloud Run, Artifact Registry), Firebase **AI/ML:** OpenAI (GPT-4/5), Anthropic (Claude), Cohere, Mistral, RAG, Stella Embeddings, Sentence-BERT **Data Engineering:** Meltano, Singer SDK, dbt, Airbyte, Airflow **DevOps:** Docker, Kubernetes, Terraform/OpenTofu, GitHub Actions, Fastlane **Testing:** Playwright, Vitest, Bun Test, XCTest, Jest **Other:** MCP (Model Context Protocol), RevenueCat, LaunchDarkly, Stripe, Sentry, Keycloak, Better Auth, Prisma ORM

CAREER HIGHLIGHTS

MCP Server: Designed and deployed a Model Context Protocol server on AWS Fargate with Jira, Slack, and Email tool integrations, enabling AI-agent workflows for enterprise users.

Multi-Model AI Platform: Integrated 5 LLM providers (GPT-5, Claude, Cohere, Mistral, Perplexity) with streaming SSE, fallback modes, and static prompt systems across web and mobile apps.

Cross-Platform AI Chat: Built real-time AI chat with web search, citation handling, and location-aware responses on iOS (Swift), Android (React Native), and web (Vue.js).

15+ Custom Data Taps: Engineered Singer/Meltano taps for AppsFlyer, Firebase, Apple Search Ads, Gmail, HubSpot, Shopify, and more — with rate limiting, retry logic, and Docker/ECR deployment.

Auth System Migration: Led migration from Keycloak to Better Auth with PostgreSQL/Prisma, implementing Google/Apple OAuth, SSO, and admin impersonation.

HIPAA-Compliant Pipeline: Built a healthcare data pipeline with PHI encryption via AWS Secrets Manager and PostgreSQL integration.

TB-Scale Data Migration: Designed an S3-to-S3 migration orchestrator with batch processing, cross-account credentials, and auto-fallback for TB-scale financial datasets.

PROFESSIONAL EXPERIENCE

Ryan Miranda Partners LLC | Full Stack Developer | January 2024 – Present

Full stack development across multiple client engagements spanning fintech, legaltech, healthtech, and consumer AI.

Truthly Inc — Consumer AI Mobile & Web Platform

- Built a cross-platform AI chat system with multi-provider streaming (OpenAI, Anthropic), web search with domain filtering, citation handling, and location-aware responses across iOS (Swift/SwiftUI), Android (React Native), and web.
- Developed iOS features: chat streaming service with provider-specific adapters, What's New modal with Kingfisher caching, audio player system, and Daily Readings with Bible insight caching.
- Built Android features: chat streaming hooks, MiniAudioPlayer, attachment system, and onboarding flow with paywall integration.
- Designed the v2 chat API with SSE streaming, multi-strategy routing, and Bible metadata system prompts on Bun/TypeScript, deployed to AWS ECS/Fargate.
- Implemented RevenueCat subscription management with webhook integration, DynamoDB/ElectroDB persistence, web checkout flow with auth-first billing, and AppFlyer attribution.
- Built comprehensive LaunchDarkly feature flag service across both platforms with scoped resolvers, paywall experiments, and A/B testing infrastructure.
- Managed iOS CI/CD with Fastlane match for TestFlight signing and GitHub Actions for automated builds.

FCM — Fernbridge Capital Management

- Developed automated EOD performance, SPXT intraday, and weekly trade email reporting with responsive HTML/CSS templates and mobile dark mode support.
- Built a Quart/Hypercorn API server with PostgreSQL connection pooling, Docker containerization, and Azure App Service deployment.
- Engineered a TB-scale S3 data migration orchestrator (FCM Datos) with three migration modes, batch processing, cross-account credentials, and auto-fallback.
- Built a Sensor Tower ETL pipeline with SharePoint integration, Outlook-triggered execution, concurrent downloads, chunked CSV processing, and PostgreSQL loading.
- Developed securities screening system with PostgreSQL, monthly ADD/DROP event tracking, and historical data loading from Excel master lists.

Mozart Platform — AI-Powered Document Intelligence

- Architected and deployed an MCP server on AWS Fargate with JWT auth, integrating Jira, Slack, and Email tools for AI-agent enterprise workflows.
- Built a multi-model AI compose system supporting GPT-4/5, Claude, Cohere, and Mistral with streaming SSE, fallback modes, and configurable static prompts.
- Led the authentication migration from Keycloak to Better Auth with PostgreSQL/Prisma, implementing Google/Apple OAuth, SSO signup, email verification, and admin user impersonation.
- Developed a RAG service with Qdrant vector database, Python FastAPI workers, Stella embedding models, and a queue-based document processing pipeline.
- Built a full project and conversation management system with archiving, restoration, sharing, and file/folder CRUD with permission-based access control.
- Established a comprehensive testing infrastructure with Vitest unit tests (coverage thresholds), Playwright E2E tests, and integration tests with BetterAuth session mocks.

MLaw — Legal Document Automation

- Standardized multi-model AI integration (Claude, Cohere, Mistral, OpenAI) with draft versioning, variable APIs, and PPTX document support.
- Integrated Smokeball legal practice management (matters, staff, clients) with Azure Key Vault for secrets and Google Drive for file management.
- Led a full Tailwind CSS migration with dark mode, Dashboard V2, and a Playwright-based screen capture system.

Data Engineering — 15+ Custom Taps & Pipelines

- Built 15+ custom Singer/Meltano taps from scratch (AppFlyer, Apple Search Ads, Firebase, Gmail, HubSpot, Shopify, Google Drive, Gorgias, Loop, and more) with rate limiting, exponential backoff, and Docker/ECR CI/CD.

- Designed dbt models for financial metrics (Yipit JSONB aggregation), e-commerce analytics (Shopify, Klaviyo, Gorgias), and healthcare data (HIPAA-compliant patient models).

Other Client Projects

- **Palmetto (Healthcare):** Built a Nuxt 3 monorepo with Firebase auth (migrated from Cognito), PHI encryption, and GCP deployment.
- **Atlantis (Latin OCR):** Evaluated and deployed Kraken OCR (1.4% CER) with parallel PDF processing and Docker/ECR deployment via GitHub Actions.

Odessa | Software Engineer-I | May 2022 – December 2023

- Developed custom modules and features using .NET and Entity Framework to meet client-specific needs and improve system performance.
- Implemented data transformation algorithms to facilitate smooth migration of legacy data into Odessa's proprietary LeaseWave financial solutions.
- Assisted in the integration of Credit Bureau APIs into the Customer Portal, enabling seamless retrieval of credit reports.
- Implemented automated jobs and scheduled recurring tasks to generate financial reconciliation reports, identifying data discrepancies.
- Managed Cloud Release pipelines for multiple client-facing environments, ensuring smooth deployments.

EDUCATION

Bachelor of Technology in Computer Science | 2018–2022 GL Bajaj Institute of Technology & Management, Greater Noida | CGPA: 8.3/10

Intermediate (Class 12th) | 2017–2018 Peace Public School, Ludhiana | 92.8%

Matriculation (Class 10th) | 2015–2016 Peace Public School, Ludhiana | CGPA: 10/10