

JAMYANG NIMA

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Computer Science graduate and M.S. Software Engineering student specializing in AI Engineering, with experience building and publishing mobile, full-stack, and backend applications.

TECHNICAL SKILLS

- **Languages:** Python, Java, Dart, JavaScript, TypeScript, Swift, Kotlin, SQL
- **Frameworks:** Flutter, React, React Native, Spring Boot, FastAPI, Flask, SwiftUI
- **Data & Cloud:** PostgreSQL, MySQL, Supabase, Firebase, Hive
- **Tools & Concepts:** Git, Docker, Postman, REST APIs, Xcode, Maven, Gradle, JUnit
- **AI Tools:** Codex, Claude, Gemini - debugging, code review, architecture exploration, test verification

PROJECTS

Counting Journey | Flutter, Dart, Supabase, PostgreSQL, Firebase, RevenueCat

- Built and published an iOS application on the App Store using Flutter/Dart with 23+ screens, local Hive persistence, multimedia notes, dashboards, search, and PDF/CSV exports.
- Engineered a Supabase/PostgreSQL backend with authentication, Realtime collaboration, cloud backup/restore, private storage, conflict detection, and row-level security.
- Integrated Sign in with Apple and Google authentication, Firebase notifications, RevenueCat subscriptions with server-side entitlement validation, and SwiftUI/WidgetKit; maintained 165 passing Flutter tests plus SQL security tests.

Personal Finance Tracker | React, Spring Boot, Java, PostgreSQL, Chart.js

- Built a full-stack personal finance application using React and Spring Boot REST APIs for tracking income, expenses, categorized transactions, and budgets.
- Implemented persistent data storage with PostgreSQL/H2 using separate controller, model, and repository layers, with Axios connecting the React client to backend endpoints.
- Developed interactive Chart.js dashboards to visualize spending patterns and budget activity from transaction data.

Tibetan Wisdom API | FastAPI, Python, Pydantic, SlowAPI, Render

- Built and deployed a REST API serving 1,000+ records with pagination, keyword search, random retrieval, and filtering by category, author, and source.
- Implemented Pydantic response validation and endpoint-level rate limiting with custom HTTP 429 handling.
- Developed metadata, record lookup, search, and health-check endpoints with interactive Swagger/ReDoc documentation.

TECHNICAL EXPERIENCE

Independent Software Developer | Self-Employed | New York, NY | Jul 2025 - Present

- Design, build, publish, and maintain iOS apps on the App Store, including Counting Journey and Local Bodpa.
- Develop mobile and backend systems using Flutter/Dart, React Native, Supabase/PostgreSQL, Firebase, and REST APIs; manage authentication, cloud storage, notifications, subscriptions, and testing.

Technical Lab & Data Associate | CCNY - IT Department | New York, NY | 2018 - 2021

- Diagnosed and resolved software and hardware issues across 30 workstations, supporting reliable access for 50+ daily users.
- Collected, cleaned, and transformed departmental usage data into structured reports and dashboards; assisted with database maintenance and schema updates for local resource systems.
- Created and maintained technical documentation and troubleshooting guides for lab software, reducing recurring support requests by approximately 25%.

Student Technology Assistant | NYIT - Academic Computing Services (IT) | New York, NY | 2016 - 2017

- Installed and configured academic software and development tools across campus workstations; resolved hardware/network incidents and documented issues through a ticketing system.

EDUCATION

M.S. Software Engineering, AI Engineering Specialization | Western Governors University | Expected 2027

B.S. Computer Science | Western Governors University | 2024

B.A. Management and Administration | City College of New York | 2021

Certifications: Linux Essentials (LPI), Professional Scrum Master I

ADDITIONAL EXPERIENCE

Rideshare Driver-Partner | Lyft & Uber | New York City, NY | 2019 - Present | 2,500+ trips, 4.9+ rating