

Ali Khatami

VP SOFTWARE ENGINEER

Strategic and results-oriented VP Lead Software Engineer at JPMorgan Chase & Co., with 5+ years of proven leadership in full-stack development, API governance automation, and AI-driven applications. Adept at transforming legacy systems into scalable platforms using modern cloud-native and ML-powered architectures. Recently built “API Mate” — a cutting-edge, agentic LLM platform streamlining API documentation and governance for enterprise partners. Passionate about delivering innovative, production-ready systems that blend backend performance, frontend usability, and ML intelligence.

COMPETENCIES

- **LLM & AI:** Langchain, LangGraph, MCP, GPT, LangChain Agents, Guardrails, OpenAI, Prompt Engineering
- **Backend:** Python, FastAPI, Flask, DRF, Celery, Redis
- **Frontend:** React, React Native, NativeWind, TypeScript, Next.js, SCSS
- **Databases:** MySQL, SQL, PostgreSQL, Redis, VectorDBs
- **Testing & Tools:** Postman, Insomnia, Unit Testing
- **Cloud & DevOps:** AWS, GCP, Azure, Docker, Bitbucket CI/CD
- **Big Data & ML:** Apache Spark (PySpark), TensorFlow, Scikit-Learn, Pandas
- **Documentation & Standards:** Markdown, YAML, JSON, API Governance
- **Other:** Agile/Scrum, Financial Analysis, Microservices Architecture

CAREER HISTORY & ACHIEVEMENTS

JPMorgan Chase & Co.

March 2024 – Present

VP – Lead Software Engineer

- Designed and led development of AutoChannel, an enterprise-grade internal platform leveraging GPT-powered agents to automate API documentation, governance checks, and developer workflows.
- Built multiple MCP servers to automate and self-service platform APIs to users on top of agentic assistants.
- Implemented LangChain and LangGraph to build multi-node agent workflows for parsing OpenAPI specs, generating standardized documentation, tagging metadata, and validating governance rules.
- Built a robust backend using FastAPI, deployed on Chase’s internal API Store, allowing teams to submit API specs and receive actionable documentation, linting results, and workflow triggers (e.g. auto-JIRA ticketing).
- Integrated OpenAI embeddings for vector-based semantic search to enable rapid discovery of related API patterns, improving reuse and design consistency across teams.
- Spearheaded API metadata governance using NLP and LLMs, following enterprise compliance and taxonomy enforcement strategies.
- Automated Chase’s API governance validation process to flag missing fields, improper naming, versioning issues, and more, reducing manual review cycles by 70%+.
- Coordinated cross-functional efforts across platform, governance, and developer experience teams to ensure AutoChannel’s capabilities scaled with organizational needs.
- Led internal adoption and documentation efforts, turning AutoChannel into the default documentation automation tool across CCB’s engineering org.

- Automated CCB's API governance approval process with FastAPI microservices and ML models, integrating with Chase's API Store.
 - Enabled partner teams to extract CCB-compliant API specifications directly from source code and resolve policy issues via LLM analysis.
 - Collaborated with partners like Amazon, Disney, and United to improve API lifecycle management and partner onboarding experience.
-

JPMorgan Chase & Co.***Jan 2023 – January 2024*****Senior Software Engineer**

- Developed Partner Central and Partner Docs, a scalable documentation engine converting Markdown to HTML, enhancing API onboarding for top-tier partners.
 - Created PI Roadmap, a financial forecasting and resource planning tool using ML/statistical models.
 - Built and deployed full-stack apps (Python/React) to AWS with test automation pipelines and containerized workflows.
 - Developed robust data pipelines for risk analysis, modeling, and forecasting using Pandas, NumPy, and deep learning frameworks.
-

Dovise***March 2023 – Present*****Lead engineer/Founder**

- Built AI-powered SaaS tools across industries (finance, e-commerce, IT) using Langchain, Django, and React Native Web.
 - Designed full-stack microservices deployed to Azure/GCP with a focus on scalable architecture and monetization strategy.
 - Solely developed production-ready apps with real-time inference and complex agentic workflows.
-

Quantech***September 2019 – September 2022*****Lead engineer/Founder**

- Founded and built a financial brokerage platform, consistently outperforming market benchmarks (S&P 500 +5% YoY).
 - Engineered scalable frontend/backend systems with React and Python; deployed to Heroku, GCP, and AWS LightSail.
 - Led full SDLC with Git, Docker, CI/CD, and cloud-native services.
-

Hofstra***February 2019 – May 2022*****Financial/data analyst**

- Managed equity portfolios using DCF, Black-Scholes models, and Bloomberg Terminal data.
- Automated analysis workflows in Python, boosting reporting accuracy and decision-making efficiency.

EDUCATION & CREDENTIALS

M.S. in Data Science

Bellevue University – Apr 2022 – Mar 2023 — GPA: 4.0

B.S. in Quantitative Finance

Hofstra University – Feb 2018 – May 2021 — GPA: 3.2

Certifications & Courses

- **MIT:** Data Structures and Algorithms
- **Google:** Agile Project Management, Atlassian Jira Agile
- **Coursera:** ML & Deep Learning (Dr. Andrew Ng), Langchain with LLMs
- **University of Melbourne:** Financial Statement Analysis