TIJANI SHABAZZ

Senior Full-Stack & AI Software Engineer

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Fort Lauderdale, FL

LinkedIn

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Senior Full-Stack & AI Software Engineer with 11+ years of experience building and evolving production software across web, mobile, enterprise, and AI-powered products. Combines end-to-end application engineering with backend architecture, API and systems integration, data-intensive workflows, cloud delivery, and production reliability. Develops web platforms with C#/.NET, Python, TypeScript, React, and SQL; cross-platform mobile applications with React Native and Flutter; and AI-enabled systems using LLMs, RAG, AI agents, MCP tools, and retrieval workflows. Project experience spans healthcare, logistics, financial integrations, marketplaces, real estate, and enterprise IT. Career results include a 93% reduction in application load time and contributions to real-time platforms processing 1,000+ events per second.

Professional Experience

Full Stack Developer

11/2022 – 07/2026

Chetu, Inc.

Sunrise, FL | Remote

Python, C#/.NET, TypeScript | AI, DevOps Full-stack delivery for client and enterprise software, spanning web applications, backend services, integrations, AI-enabled capabilities, and deployment.

- Designed and implemented end-to-end application features across browser-based interfaces, server-side services, APIs, and relational or document data stores.
- Developed backend functionality and integration layers with Python and C#/.NET, connecting business workflows to internal services and external platforms through REST APIs and webhooks.
- Built and extended TypeScript-based application experiences, aligning frontend behavior with API contracts, authentication flows, data requirements, and operational workflows.
- Applied AI capabilities to product workflows, including LLM-powered features, agent/tool integrations, retrieval-oriented experiences, and business-process automation.
- Addressed production concerns across performance, reliability, security, and maintainability; supported cloud delivery and CI/CD practices across the software lifecycle.

Software Developer

01/2020 – 09/2022

PeakActivity

Fort Lauderdale, FL | Hybrid

Product and application engineering across user-facing functionality, service integrations, and data-backed business workflows.

- Delivered web application features from interface behavior through backend and data integration, translating product requirements into maintainable software.
- Implemented application services and connected workflows using APIs, data models, and external system integrations.
- Improved existing functionality through debugging, performance refinement, and iterative enhancements to application behavior and user experience.

- Contributed across implementation, testing, release preparation, and ongoing maintenance within the software development lifecycle.

C/C++/C#/.NET Developer 06/2017 – 12/2019
Kairos Technologies Fort Lauderdale, FL | Remote
Core software development focused on C-family languages, .NET application components, and dependable software implementation.
- Developed application functionality using C, C++, C#, and .NET, applying object-oriented design, programming fundamentals, and structured problem-solving.
- Implemented and maintained software components, investigating defects and improving code behavior through debugging and targeted changes.
- Worked across application logic and supporting components, building a foundation in backend development, integration, and maintainable code.

Research Assistant 06/2015 – 05/2017
ModMed Innovation Lab Boca Raton, FL | Hybrid
Research-oriented technical work establishing a foundation in software engineering, data systems, and applied computing.
- Supported technical research activities involving applied computing, software-related problem solving, and data-oriented work.
- Used programming, structured analysis, and technical investigation to support research tasks and evaluate solutions.

Education

Master of Science, Computer Science 2013 – 2015
Florida Atlantic University

Bachelor of Science, Computer Science 2009 – 2013
Florida International University

Core Technical Competencies

Web & SaaS Engineering
Full-stack web applications, React, Next.js, TypeScript, JavaScript, C#/.NET, ASP.NET Core, Python, FastAPI, REST APIs, microservices, SQL-backed applications, dashboards and business workflows

Integration, Data & Distributed Systems
API and webhook integrations, OAuth, token lifecycle, event processing, ETL, data validation, synchronization, idempotency, retries, reconciliation, SQL Server, PostgreSQL and MongoDB

Mobile Application Engineering
React Native, Flutter, Dart, iOS and Android, reusable cross-platform components, navigation, state management, authentication, deep linking, media uploads, API integration and app releases

Architecture, Cloud & Delivery
System design, service boundaries, application modernization, performance optimization, production troubleshooting, security remediation, AWS, Azure, Docker, CI/CD and GitHub Actions

AI & Intelligent Applications
LLM integration, OpenAI API, RAG, AI agents, MCP tool integration, LangChain, vector search, entity resolution, grounded retrieval, AI-assisted analysis and workflow automation

Selected Product & Enterprise Project Experience

Anchord AI - Entity Resolution & Agent Integration
AI & ENTERPRISE SYSTEMS Integrated AI-agent workflows with 11 MCP tools, REST APIs, and webhooks; implemented multi-signal/rules-based scoring, evidence-backed review of ambiguous matches, canonical entity IDs, and resolve-before-write flows.

Correlate Health / LooPT - Clinical Trial Matching
Worked on healthcare workflows comparing structured EHR data and clinical notes with eligibility criteria, including data validation, complex rules, API integration, auditability, and human review.

Freight SaaS - QuickBooks Online Integration
Built integration workflows around OAuth, token refresh, webhooks, idempotent synchronization, and reconciliation for an operation supporting approximately 65 brokerages, 52,000 loads, and 90,000 documents per month.

.NET 8 & Azure OpenAI Data Processing
Developed worker-service and data-processing workflows using ASP.NET Core, EF Core, SQL Server, and Azure OpenAI; processed approximately 2,400 records per day against a 1.6 million-record historical dataset.

CrushBank Orchestrate IT - Enterprise AI
Contributed to enterprise AI integrations involving IBM watsonx, connected information sources, grounded search and answers, service-ticket classification, and operational workflow automation.

OurBlackGuide - React Native Marketplace
MOBILE APPLICATIONS Contributed to React Native architecture and reusable iOS/Android components with TypeScript, React Navigation, and TanStack Query; integrated authentication, APIs, directory search, category/location filters, business profiles, image uploads, deep links, and production releases.

Parente AI - Cross-Platform Health Application
Built Flutter mobile workflows for family onboarding, assessments, and patient messaging; integrated APIs and addressed token expiration, inconsistent responses, stale state after profile switching, incomplete forms, and iOS/Android release needs.

Deed - Driver Delivery Application
Developed a Flutter application for a UPS partner in Iceland, supporting driver package scanning and delivery workflows. Technologies included Dart, Firebase Authentication, Provider, GetIt, RxDart, BLoC, and file_picker.

ARVRobot - Real Estate Underwriting
WEB PRODUCTS & BUSINESS PLATFORMS Contributed property-data ingestion, comparable-property analysis, financial calculations, configurable assumptions, reporting, and AI-assisted property analysis.

GemsHarbor - Marketplace & Auctions
Worked on e-commerce and marketplace workflows including product listings, user dashboards, auctions and bidding, offers, payment integrations, notifications, and connected order flows.

ShipHype - Logistics & Fulfillment
Contributed to integration and automation layers for fulfillment operations, including event processing, synchronization, retry strategies, error handling, and operational workflows.