

AYEZAN RIAZ

Senior Full Stack Developer | AI & Backend Engineer | Flutter Developer | Remote-Ready

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PROFESSIONAL SUMMARY

Senior Full Stack Developer, AI/Backend Engineer, and Flutter Developer with a proven track record of architecting production-grade SaaS platforms, real-time systems, ERP modules, and AI-powered tools. Expert in Next.js, NestJS, Node.js, Python, Flutter, and PostgreSQL. Built a live PSX AI Trading Bot using Machine Learning (Random Forest), RAG, and FAISS vector database. Delivered enterprise fintech platforms, HR management systems, and cloud-integrated backends (AWS S3, Stripe, Twilio, Agora, Zoom). All systems deployed on Linux. Available immediately for remote full-time or contract roles globally.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap

Mobile: Flutter (Dart) — Cross-Platform iOS & Android

Backend: NestJS, Node.js, Express.js, Python, FastAPI, REST APIs, GraphQL, .NET MVC, C#

AI / ML: Scikit-learn (Random Forest), FAISS, RAG, Pandas, OpenAI API, APScheduler, LLM Integration

Databases: PostgreSQL, MySQL, MongoDB, Firebase, SQL Server

Cloud & DevOps: AWS S3, AWS EC2, Docker, CI/CD Pipelines, Linux (Ubuntu/CentOS), Nginx, PM2, Git, GitHub

Integrations: Stripe, Twilio (SMS/OTP), Agora (Video/Audio SDK), Zoom API, AWS S3, TradingView, WebSockets, FCM

Enterprise: SaaS Architecture, ERP Modules, HR Management Systems, CRM Platforms, KYC/Compliance

Tools: Postman, VS Code, Jira, Agile/Scrum, JWT Auth, OAuth2, Openpyxl, Firebase FCM

WORK EXPERIENCE

Senior Full Stack Developer

Standard Capital Securities · Karachi, Pakistan · Feb 2025 – Present

- Architected and owns 2 live fintech SaaS platforms — PSX Account Opening System (aof.scstrade.com) and RP Trading Dashboard (rp.scstrade.com) serving active brokerage clients on Pakistan's stock exchange.
- Engineered PSX AI Trading Bot — hybrid scoring: 30% Random Forest ML, 40% Technical Indicators, 15% Volume, 15% News Sentiment via RAG + FAISS; monitors live PSX data every 5 seconds.
- Developed RP Trading Dashboard: AI signals, 4+ simultaneous charts, WebSocket feeds, RSI/MACD/Bollinger Bands, and real-time portfolio tracking.
- Integrated AWS S3 for KYC document storage. Maintained Linux servers (Nginx + PM2) at 99.9% uptime. CI/CD pipelines cut deployment time by ~40%.

Associate Software Engineer

Syscrowd · Karachi, Pakistan · Feb 2022 – Jan 2025

- Delivered 4+ full-stack projects across SaaS, CRM, and ERP domains using Angular, React, NestJS, Node.js, C#/.NET, and SQL in Agile/Scrum environment.
- Built Tisoro Global CRM — enterprise Turkish real estate platform: 1,000+ listings, CRM pipeline, multi-role admin panel, AWS S3 storage (tisoroglobal.com).
- Developed Trademark Emergent — SaaS trademark registration platform with document lifecycle management and compliance tracking.
- Mentored junior developers; introduced reusable component libraries reducing team development time by ~25%.

Freelance Full Stack Developer

Direct Clients · Remote · Feb 2022 – Present (Concurrent)

- Financial Data SaaS — FastAPI + Python: real-time signals API, automated trade alerts, APScheduler, AWS S3 storage.
- Home Services Platform — NestJS + PostgreSQL + Stripe + Twilio SMS + AWS S3 + real-time job matching + RBAC.
- Enterprise Video Conferencing & Social Platform — Agora SDK HD video/audio, WebSocket chat, Stripe subscriptions, AWS S3.
- Cancer Hospital Finder Flutter App — iOS/Android geolocation app: hospital search, bookmarks, Google Maps. Backend: NestJS + MySQL + Linux + AWS S3.

KEY PROJECTS

PSX AI Trading Bot

Python · Scikit-learn · FAISS · RAG · FastAPI · Pandas · APScheduler · AWS S3

Automated AI market intelligence for PSX. Live data every 5 sec via SCS Trade API. 30% Random Forest ML + 40% Technical Indicators + 15% Volume + 15% News Sentiment (RAG + FAISS). Daily Excel/HTML reports on AWS S3. Instant ±5% price alerts. Sources: Dawn, Tribune, Profit.

RP Trading Dashboard — AI-Powered SaaS

Next.js · NestJS · WebSockets · TradingView · PostgreSQL · AWS S3

Enterprise real-time trading SaaS for PSX. AI signals, 4+ simultaneous charts, RSI/MACD/Bollinger Bands, watchlists, live portfolio tracking, AWS S3. Live: rp.scstrade.com

PMEX / PSX Account Opening System — Fintech SaaS

Next.js · NestJS · PostgreSQL · AWS S3 · Linux · Nginx

Production KYC onboarding SaaS for stock trading registrations. Multi-step KYC, AWS S3 document uploads, admin review panel, compliance reporting. PM2 + Nginx Linux deployment. Live: aof.scstrade.com

Cancer Hospital Finder — Healthcare Flutter App

Flutter · NestJS · MySQL · AWS S3 · Google Maps API · Linux

Cross-platform iOS/Android Flutter app for locating nearby cancer hospitals via geolocation. Hospital search by proximity, facility profiles, bookmark/save, Google Maps directions, push notifications. NestJS + MySQL backend on Linux with AWS S3 for media assets.

On-Demand Home Services Platform

NestJS · PostgreSQL · Stripe · Twilio · AWS S3

REST API for on-demand services marketplace. Real-time job matching, Stripe payments, Twilio SMS, AWS S3 media uploads, JWT auth, RBAC, admin dashboard.

Enterprise Video Conferencing & Social Platform

Flutter · NestJS · Agora SDK · WebSockets · MongoDB · AWS S3

Full-stack social and video platform. Flutter mobile + NestJS backend. Agora HD video/audio, WebSocket messaging, user matching, Stripe subscriptions, AWS S3 storage, push notifications.

Tisoro Global CRM — Real Estate Enterprise

Angular · NestJS · Node.js · SQL · AWS S3

Enterprise CRM for Turkish real estate. 1,000+ listings, advanced filtering, CRM pipeline, report generation, AWS S3 document storage, multi-role admin. Live: tisoroglobal.com

EDUCATION

B.S. Software Engineering — CGPA: 3.22

DHA Suffa University, Karachi · 2020 – 2024

Pre-Engineering — Grade: A+

Siraj ud Daullah Government Degree College · 2018 – 2020

ADDITIONAL INFORMATION

- Available immediately for remote full-time or contract roles — US, Europe, and Gulf companies welcome.
- Comfortable working across time zones — EST (US East) or CET (Europe) overlap fully available.
- Strong written and verbal English for international team communication and async collaboration.
- All systems delivered with clean architecture, comprehensive documentation, and production deployment.
- Languages: English (Professional Fluency) · Urdu (Native)