

AYEZAN RIAZ

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

+92 336 6853876 ayezanriaz8@gmail.com [LinkedIn](#) [Portfolio](#) Karachi, Pakistan (Remote)

PROFESSIONAL SUMMARY

Senior Full Stack Developer and AI/Backend Engineer with 4+ years of professional experience building production-grade web applications, real-time systems, and AI-powered tools. Expert in Next.js, NestJS, Node.js, Python, and PostgreSQL. Built a live PSX AI Trading Bot using Machine Learning (Random Forest), RAG (Retrieval-Augmented Generation), and real-time market data analysis. Delivered fintech platforms, payment-integrated backends (Stripe, Twilio, Agora), and deployed all systems on Linux in production. Available immediately for remote full-time or contract roles with global teams.

TECHNICAL SKILLS

Frontend:	React.js, Next.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
Backend:	NestJS, Node.js, Express.js, Python, FastAPI, REST APIs, GraphQL, .NET MVC, C#
AI / ML:	Python, Scikit-learn (Random Forest), FAISS (Vector DB), RAG (Retrieval-Augmented Generation), Pandas, OpenAI API, APScheduler
Databases:	PostgreSQL, MySQL, MongoDB, Firebase, SQL Server
3rd Party:	Stripe (Payments), Twilio (SMS/OTP), Agora (Video/Audio), TradingView Charts, WebSockets
DevOps:	Linux (Ubuntu/CentOS), Nginx, PM2, Docker, CI/CD Pipelines, Git, GitHub
Tools:	Postman, VS Code, Jira, Agile/Scrum, JWT Auth, OAuth2, Openpyxl

WORK EXPERIENCE

Senior Full Stack Developer · Standard Capital Securities (PVT) LTD

Jan 2025 – Present

- Architected and owns 2 live production fintech platforms — PMEX/PSX Account Opening System (aof.scstrade.com) and RP Trading Dashboard (rp.scstrade.com).
- Built the PSX AI Trading Bot in Python — a fully automated market analysis system using a hybrid scoring model (30% ML, 40% Technical Indicators, 15% Volume, 15% News Sentiment) that monitors live PSX data every 5 seconds via SCS Trade API.
- Implemented a Random Forest ML model for stock price prediction and a RAG system with FAISS vector database to analyze news sentiment from Dawn, Tribune, Profit, and other financial sources.
- Developed the RP Trading Dashboard: real-time stock platform with AI-powered signals, multi-chart view (4+ charts on one screen), WebSocket live feeds, and technical indicators (RSI, MACD, Bollinger Bands).
- Configured and manages production Linux servers with Nginx and PM2, maintaining 99.9% uptime. Implemented CI/CD pipelines reducing deployment time by ~40%.

Freelance Backend Developer · Self-Employed (Remote Clients)

2022 – Present

- Delivered multiple production backend systems for international and local clients alongside full-time employment.
- Built a FastAPI + Python backend for a financial data service — real-time signals API with automated trade alerts and scheduled reporting via APScheduler.
- Home Services Booking Platform: NestJS + PostgreSQL backend with Stripe payments and Twilio SMS notifications.
- Dating & Social App Backend: Agora SDK live video/audio, WebSocket chat, user matching algorithm, Stripe subscriptions.
- All projects delivered with JWT auth, RBAC, API documentation, and Linux production deployment.

Associate Software Engineer · Syscrowd

Feb 2022 – Jul 2025

- Delivered 4+ full-stack client projects using Angular, React, NestJS, Node.js, C#/.NET, and SQL in an Agile environment.
- Built Tisoro Global CRM — Turkish real estate platform with 1,000+ property listings, dynamic filtering, and CRM reporting.
- Developed Trademark Emergent — SaaS trademark registration platform with document management and client workflows.
- Mentored junior developers; introduced reusable component libraries reducing development time by ~25%.

KEY PROJECTS

PSX AI Trading Bot *Python · Scikit-learn · FAISS · RAG · FastAPI · Pandas · APScheduler*

Fully automated AI trading analysis system for Pakistan Stock Exchange. Collects live market data every 5 seconds via SCS Trade API. Uses hybrid scoring: 30% Random Forest ML, 40% Technical Indicators, 15% Volume Analysis, 15% News Sentiment (RAG with FAISS). Generates daily Excel reports and HTML email summaries at 9:30 AM with top 5 stock picks. Fires instant price alerts for moves exceeding ±5%. News sources: Dawn, Tribune, Profit, and other Pakistani financial outlets.

RP Trading Dashboard — AI-Powered Stock Platform *Next.js · NestJS · WebSockets · TradingView · PostgreSQL*

Advanced real-time trading dashboard for PSX. AI trading signals, multi-chart view (4+ simultaneous charts), technical indicators (RSI, MACD, Bollinger Bands), custom watchlists, and live portfolio tracking.

<https://rp.scstrade.com>

PMEX / PSX Account Opening System *Next.js · NestJS · PostgreSQL · Linux · Nginx*

Live fintech platform for digital stock trading account registrations. Multi-step KYC onboarding, document uploads, admin review panel, compliance reporting. Deployed on Linux with PM2 and Nginx.

<https://aof.scstrade.com>

On-Demand Home Services Booking Backend (Freelance) *Node.js · NestJS · PostgreSQL · Stripe · Twilio*

Complete REST API backend for a plumber/electrician booking platform. Service listings, real-time job matching, Stripe payment processing, Twilio SMS notifications, JWT auth, RBAC, and admin dashboard.

Dating & Social App Backend with Live Video (Freelance) *Node.js · NestJS · Agora SDK · WebSockets · MongoDB*

Scalable backend for a real-time social/dating app. Agora video/audio calls, user matching algorithm, WebSocket chat, Stripe subscriptions, push notifications, and JWT authentication.

Tisoro Global CRM *Angular · NestJS · Node Express · SQL*

Real estate CRM for Turkish property market. Property showcase, advanced filtering, CRM pipeline, report generation, and multi-role admin panel.

<https://www.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, Gulf companies welcome.
- ▶ Comfortable working across time zones — able to overlap with EST (US East) or CET (Europe) hours.
- ▶ Strong written and verbal English for international team communication and async collaboration.
- ▶ All projects delivered with clean architecture, full documentation, and production deployment.