

Khusniddin Kalandarov

AI Engineer & Frontend Developer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

AI Engineer building agentic AI, RAG systems and LLM-powered applications, with a strong frontend background across Angular, React and React Native. Experienced shipping end-to-end web, mobile and Telegram-bot products from validation to production. Seeking an AI or frontend internship or part-time role in Korea.

EDUCATION

M.S. Convergence Software — Chungbuk National University *Expected Jul 2028*

B.S. Computer Software Engineering — New Uzbekistan University, Tashkent *Jun 2026*

High School Diploma — Khiva Presidential School, Khorezm *Jun 2022*

GPA: 4.92 / 5.00 • SAT: 1270 / 1600 • IELTS: 7.5 / 9.0

EXPERIENCE

Artificial Intelligence Engineer — Self-Employed / Startup Contributions *May 2026 – Present*

- Build agentic AI and RAG systems using LangChain, LangGraph, CrewAI and AutoGen, integrating LLMs with vector databases (ChromaDB) for retrieval-augmented workflows.
- Develop AI agents and MCP-based tool integrations powering startup platforms including ResearchHub and 90+10.
- **Rival Radar** — live competitive-intelligence engine streaming a “what changed” digest of rivals’ latest moves (Next.js, Firecrawl, OpenRouter).
- **Law4Kor** — AI RAG system that simplifies Korean law into plain English with linked sources (Next.js, Python, RAG).
- **GroupWrapped** — Telegram bot and Mini App that turns a group chat into a shareable AI awards card (Next.js, grammY, Postgres).
- **ideY** — startup ecosystem that scores startup health, builds roadmaps and supports one-click app building from validation to build stage.
- **ScanDina** — smart expense and calorie tracker that scans receipts, categorizes spending and uses AI for savings/health advice and recipe recommendations.

Frontend Developer — Single Integrator “UZINFOCOM” LLC *May 2025 – Jun 2026*

- Improved page load times by ~20% by building responsive websites across 20+ end-to-end projects.
- Enabled real-time regional data visualization by integrating an interactive SVG map of Uzbekistan.
- Reduced manual reporting workload by 30% by designing a custom internal dashboard with Apache ECharts to track developer performance.
- Modernized a university website's UI and accessibility by refactoring its layout with Tailwind CSS and integrating the NgZorro component library.

Mobile Engineer — Startup *Jun 2025 – Jan 2026*

- Developed FootHost, a React Native (Expo) app for booking football stadiums.
- Integrated push notifications, deep linking and OTA updates via Firebase and CodePush; optimized list rendering with FlatList and React Native Reanimated.

AI & Telegram Bot Developer — Independent Projects *Dec 2024 – Present*

- Built and sold a NotifierBot to a U.S. logistics company; deployed via GitHub Actions to eliminate manual group notifications.

- Shipped a range of bots: Content Creator (auto-posting + weather/outfit advice), StudyAssistant (AI quizzes on tracked topics), NewsAnalyzeBot (credibility scoring) and ToTo (voice-input smart to-do with AI time analysis).

IELTS Instructor / ESL Teacher — King's Academy

Oct 2023 – Oct 2024

- Taught 100+ students to a +1.5 average band-score improvement and 85% pass rate for Band 7+ targets; advised 40+ applicants on essays and interviews.

Game Developer — Khiva Presidential School

Mar 2020 – May 2021

- Built games and interactive projects as an early introduction to software development.

CERTIFICATIONS & ACHIEVEMENTS

- IBM — AI Engineering & Agentic AI Professional series (9 certificates): RAG and Agentic AI, Build AI Agents using MCP, Agentic AI with LangGraph / CrewAI / AutoGen, Advanced RAG with Vector Databases, Deep Learning with PyTorch, Deep Learning with Keras & TensorFlow, and Machine Learning with Python.
- Generative AI Architectures (Udemy).
- Front-end Development Course, USTUDY (2025).
- Hult Prize 2026 — Nationals Finalist.
- 3rd place, AI in Health & Education startup (2025).
- “Top 100 Uzbekistan Start-ups” Award; Bronze Medal, AIMO (2020).

SKILLS & TOOLS

AI & ML: LangChain · LangGraph · CrewAI · AutoGen · MCP · RAG · Vector Databases (ChromaDB) · LLMs · Generative AI · OpenAI API · PyTorch · TensorFlow · Keras · Scikit-Learn · Pandas · NumPy · SciPy

Frontend: Angular · RxJS · NgZorro · PrimeNG · React · Vue · Next · Nuxt · TypeScript/JavaScript · Tailwind CSS · HTML5 · CSS3

Mobile: React Native · Expo · Flutter

Backend & Data: Node.js · Python · NestJS · FastAPI · REST · GraphQL · PostgreSQL · MongoDB · Supabase · Firebase

DevOps & Tools: Git / GitHub · GitLab · GitHub Actions · Railway · Render · Digital Ocean · Azure · VS Code

Languages: Uzbek (Native) · English (Advanced, IELTS 7.5) · Russian (Intermediate) · Turkish (Beginner)