

Xusniddin Qalandarov

LinkedIn: [myLinkedIn](#)

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Muruvvat St, • Tuprakkala, Uzbekistan 220405 • [xusniddinqalandarov2004@gmail.com](mailto:xusniddinqalandarov2004@gmail.com) • +998901288909

Aspiring computer scientist passionate about frontend development and AI agent building. I've created multiple frontend(SPA, CCR) projects as well as backend/Telegram bot applications. Seeking to leverage my technical skills and AI expertise in a Master's program in AI.

### **Khiva Presidential School, Khiva, Khorezm**

High School Diploma

June 2022

- GPA: 4.92 / 5.00 • Class Rank: 2 / 12 • SAT: 1270 / 1600 • IELTS: 7.5 / 9.0

### **Presidential University, Tashkent**

Bachelor of Science in Computer Science & Engineering

Expected June 2026

- Relevant Coursework: Data Structures & Algorithms, Web Development, Network Security

### **Mobile Developer, Startup | June 2025 – Present**

- Developing FootHost, a React Native Expo mobile app that allows football enthusiasts to book stadiums.
- Integrated push notifications, deep linking, and over-the-air (OTA) updates using Firebase and CodePush, improving user engagement and experience.
- Implemented custom animations and optimized list rendering with FlatList and React Native Reanimated for smoother user interactions.

### **Frontend developer, UZINFOCOM | May 2025 – Present**

- Improved page load times by ~20% by building responsive SPAs using Angular 19, Tailwind CSS v4, Angular Material, and PrimeNG, enhancing UX across multiple projects.
- Enabled real-time regional data visualization by integrating an interactive SVG map of Uzbekistan, where clicking a region triggers dynamic rendering via Apache ECharts.
- Reduced manual reporting workload by 30% by designing and implementing a custom internal dashboard using Apache ECharts, streamlining developer performance tracking.
- Modernized a university website's UI by adjusting and refactoring its layout using Tailwind CSS, leading to improved accessibility and mobile responsiveness.
- Attracted ~50 weekly users to a personal tech-blog application built with Angular 19, RxJS, and Ng-Zorro, showcasing standalone architecture and UI component reusability.
- Improved UI consistency and development speed by integrating NgZorro component library, enabling a polished, responsive, and accessible user interface.
- Contributed to 5 end-to-end projects across different domains, delivering high-quality, maintainable code.
- Built "ScanDora", a smart expense and cooking assistant app, by:
  - Scanning product receipts to track spending and categorize expenses;
  - Using AI to provide savings/health advice;
  - Recommending recipes with an AI Chef based on recently purchased items.

### **AI & Telegram Bot Developer (Independent Projects) | Dec 2024 – Present**

- **Content Creator Bot:** Node.js + OpenAI API bot that auto-posts daily articles, fetches weather data, and

advises outfits; scheduled via GitHub Actions.

- **Birthday Manager Bot:** Angular 19 + Firebase app replacing static file checks with a database; auto-sends birthday wishes.
- **Notifier Bot:** Telegram bot for a logistics client that sends custom messages every 3 hours to multiple groups; deployed via GitHub Actions, eliminating manual notifications and sold to a U.S. logistics company.
- **StudyAssistant:** Telegram bot for tracking what user has learnt/user goals, AI integrated to ask questions/quizzes about the listed topics.
- **NewsAnalyzeBot** – Built a Telegram bot that analyzes news articles for credibility, assigns a trust score, and flags contradictory sources, helping users verify information quickly.

## **General English / IELTS Instructor, King's Academy | Oct 2023 – Oct 2024**

- Taught 100+ students, achieving +1.5 average band-score improvement and 85% pass rate for Band 7+ targets.
- Developed lesson plans (Writing, Reading, Listening, Speaking), integrating Google Classroom and Quizlet.
- Advised 40+ applicants on essays and interviews; many secured scholarships to international universities.

## **Front-end Developer (Selected Projects) | Dec 2024 – Apr 2025**

- **E-Commerce** (Angular 19 + Ng-Zorro + Firebase): Implemented secure shopping cart with real-time inventory; cut initial payload by 25% using lazy loading and OnPush.
- **Museum Portal** (Angular 19 + RxJS + Angular Material + GraphQL): Built interactive exhibit maps and search, ensured responsive design.

## **Volunteering & Leadership**

### **IT Park Coordinator | Dec 2023 – Jul 2024**

- Organized AV setup and scheduling for 5 IT events (hackathons, workshops), ensuring punctual starts and positive feedback.
- Liaised with organizers, sponsors, participants; improved volunteer efficiency by 25%.

## **Awards & Certifications**

- Bronze Medal, AIMO (International Mathematical Olympiad), 2020
- “Top 100 Uzbekistan Start-ups” Award, 2020
- Front-end Development Course, USTUDY (Mar 2025)

## **Skills & Tools**

**Frontend & Frameworks:** Angular 19 · RxJS · NgZorro · HTML5 · CSS3 · JavaScript/TypeScript · Tailwind CSS · Less · Vue3 · Nuxt3 · PrimeNG

**AI & Bot Development:** Node.js · NestJS · OpenAI API · Telegram Bot API · GitHub Actions · Firebase

**Backend & APIs:** REST API · GraphQL · Node.js · NestJS · OpenAI API · Telegram Bot API

**Mobile Development:** React-Native

**Databases & Visualization:** Firebase · MongoDB · Apache ECharts

**Dev Tools & Version Control:** Git / GitHub · VS Code · GitLab · Railway · Render

**Soft Skills:** Communication · Leadership · Adaptability · Teamwork · Problem Solving

**Languages:** Uzbek (Native) · English (Advanced) · Russian (Intermediate)

Turkish(beginner).