Manuchehr Qoriev
Full Stack Developer

🌐 Personal Website   GitHub   in LinkedIn   ✉ Gmail   Telegram

Work Experience

Intelligent Voice Assistant Project — Remote
Project Lead and Backend Developer | Go, Python, Google Speech APIs, OpenAI API   *Jan. 2024 - May. 2025*

- Led development of a voice assistant simulating human-like conversation with real-time speech recognition and context-aware responses, including an interruption system triggered by keywords and words to enhance user experience. Used Python for context management, and Go for concurrency, memory efficiency, and highly effective performance.
- Compared to OpenAI's GPT-4o speech-to-speech API (priced at $40 per million input tokens and $80 per million output tokens), our application leverages GPT-4o-mini for text responses (priced at $0.30 per million input tokens and $1.20 per million output tokens), achieving equivalent performance, speed, and reliability while being 80 times more cost-effective.
- Private Organization Repository on GitHub

CTLT Center for Teaching, Learning, and Technology — Bishkek, Kyrgyzstan
Full Stack Developer | Firebase, HTML/CSS/JavaScript, React, Voiceflow AI Chatbot, Vercel   *Sep. 2024 - Present*

- Engineered a secure faculty platform with triple-layer Firebase authentication (registration code, email verification, and admin approval) and integrated a Voiceflow AI chatbot trained on CTLT's knowledge base for instant faculty support.
- Developed dual-platform tutorials (Course Syllabus, Moodle) with video, PDF, text materials, and progress tracking.
- View GitHub | Visit Website

Aga Khan Hospital — Naryn, Kyrgyzstan
Frontend Developer | HTML/CSS/JavaScript, React, TailwindCSS, Swiper, Mixitup   *Dec. 2023 - May 2024*

- Collaborated in a team of 11 to digitize hospital operations by developing responsive React interfaces for patients, doctors, and admins, enhancing usability across devices and streamlining access to records and scheduling.
- View GitHub | Visit Website

University of Central Asia — Tajikistan and Kyrgyzstan
Project Lead and Backend Developer | Python, OpenCV, Deepface, Face Recognition, TensorFlow   *Jan. 2023 - Sept. 2023*

- Led a team of 4 to create a facial recognition attendance system deployed across 2 campuses, serving over 250 students.
- Automated entry/exit logs with accurate real-time face capture and generated Excel reports to streamline admin tasks.
- View GitHub | View Demo

Freelance Full Stack Projects

Anonymous Customers (**Apr. 2025 - May. 2025**): Developed a psychological wellness website with AI-powered chatbot, mental health assessments, psychologist directory, appointment scheduling and mini-games. View GitHub | Visit Website

Dr. Kanykei Mukhtarova (**March. 2025 - Apr. 2025**): Developed an interactive website featuring an AI-powered chatbot for the Epic of Manas, preserving Manaschi storytelling heritage through this website. View GitHub | Visit Website

Dr. Amrisho Lashkarilev (**Jan 2025 – Feb 2025**): Developed a historical timeline app with Firebase Auth, full CRUD functionality, and role-based access, supporting 10+ timelines yearly with an intuitive UI. View GitHub | Visit Website

My Personal Portfolio (**Aug 2023 – Sept 2023**): Designed and developed a responsive, modern portfolio website with dynamic showcases, interactive sliders, Chatbot and animated UI components using React. View GitHub | Visit Website

Skills

Programming Languages: Python, HTML/CSS/JavaScript, Java, Go

Tools/Libraries/Frameworks/Databases: Git, GitHub, Trello, Linux, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, DeepFace, OpenCV, Django, Flask, OpenTelemetry, Firebase, PostgreSQL, SQLite, Neo4j, Faiss

Soft Skills: Communication, Team Collaboration, Adaptability, Time Management

Education

University of Central Asia — Sept. 2022 - May 2026
Bachelor of Computer Science: GPA 3.7/4.0, Dean's List 2023   *Naryn, Kyrgyzstan*