

# Bekzhan (Becks) Abdimanapov

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## Skills

**Languages:** Python, JavaScript/TypeScript, Java, Go, C++, C#

**Web & Frameworks:** React, Node.js, HTML/CSS, REST APIs

**Databases:** SQL (MySQL/PostgreSQL), MongoDB

**DevOps & Tools:** Git, Docker, Kubernetes, GCP, Linux

## Projects

- Evee** | *Python, whisper.cpp, Mistral 3 B Instruct, pywinauto, pyautogui, winrt, PyQt 6* Dec 2024 – Present
- Designed a modular Python voice-assistant using whisper.cpp and Mistral 3 B Instruct, automating 20 core OS tasks (file I/O, window management) and reducing manual workflows by 20%.
  - Integrated GUI automation scripts (pywinauto, pyautogui) to handle 10 daily repetitive tasks—saving users ~15 minutes/day.
  - Implemented accessibility features (PyQt6 UI, voice commands) that improved usability scores by 25% in user tests with hearing-impaired participants.
- VocalAI** | *TypeScript, Python, Supabase, Vapi AI, Letta AI* Jun 2025
- Developed a FastAPI backend on GCP to run VibratoScope audio analysis pipelines.
  - Trained and optimized Vapi AI models over a 48-hour hackathon, enabling production-ready singing capabilities.
  - First-ever AI-powered singing voice system—impressed 14 CalHacks judges and awarded 1st Place by Vapi AI at the 2025 Berkeley Hackathon.

## Experience

- Software Engineer** Oct 2023 – Jan 2024  
*Halyk Bank Almaty, KZ*
- Designed and deployed Python RPA bots (using pywinauto) to automate 4 core banking workflows, reducing manual processing time by 10% (~2 hours/day).
  - Refactored T-SQL queries on MS SQL Server, improving average data retrieval times by 25% for 10M+ records.
- Software Engineer Intern** Jun 2020 – Aug 2020  
*Halyk Bank Almaty, KZ*
- Redesigned intranet UI (HTML/CSS/JS) and optimized frontend assets, reducing page load times by 30% (5s→3.5s) and cutting help-desk tickets by 20% for ~1,000 users.
  - Collaborated with the team to transition our development process to Agile—introducing sprint planning, daily stand-ups, and retrospectives—which boosted cross-functional collaboration and increased feature delivery by 10%.
- Software Engineer Intern** Jun 2019 – Aug 2019  
*Apex Interactive digital agency Remote*
- Built a Flask-based chatbot assistant to automate 20 daily client queries, reducing manual support time by 40%.
  - Integrated third-party APIs (REST) and designed conversation flows—improving intent-recognition accuracy by 25% and reducing wait times by 35%.

## Education

- University of the Pacific** California, Stockton
- Master of Science in Computer Science* Jan 2024 - May 2025
- Bachelor of Science in Computer Science* Sep 2017 - May 2021
- Concentration: Software Engineering

## Awards

- Google Developer Student Club** California, San Francisco
- Co-developer* Jan 2024 – Present
- 1st Place at CalHacks 2025 (Vapi sponsor) for VocalAI project—selected from 50+ teams.
  - Represented University of the Pacific at CalHacks 2024 hosted by UC Berkley.