

# Raimbek Alish

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## PROFESSIONAL SUMMARY

Full-stack & AI/ML Engineer with experience building production-ready LLM systems, agentic workflows, high-performance APIs, and real-time analytics pipelines. Delivered award-winning AI products across multiple hackathons (**1st Place — QuackHacks 2025**, **1st Place — CodeDay 2025**), engineered intelligent automation tools that improved execution speed by **30–45%**, and built ML models with **85–90% accuracy**. Skilled across the full stack—frontend, backend, ML training/inference, data engineering, and cloud deployment.

## TECHNICAL SKILLS

**Languages:** Python, C++, Java, SQL (PostgreSQL, MySQL), JavaScript/TypeScript, Shell Scripting, Swift, HTML/CSS

**ML/AI Frameworks:** PyTorch, TensorFlow, LangChain, YOLOv8, Pandas, NumPy, Scikit-learn, XGBoost

**Backend & Data Engineering:** FastAPI, Flask, Node.js, Express, GraphQL, Prisma, Redis, Kafka, Apache, Snowflake

**Cloud & DevOps:** AWS (EC2, S3, Lambda, Redis), Docker, Kubernetes, GitHub Actions, CI/CD, REST APIs, Linux

**Frontend:** React, Next.js, Redux, TypeScript, SwiftUI, D3.js, Jira , Postman

**Tools:** Git/GitHub, Atlassian Forge, Splunk, New Relic, Vitest, Cypress, Agile/Scrum

## PROJECTS

### Poly Predictor Kit — 1st Place (QuackHacks 2025) | Devpost

- Engineered a real-time Polymarket analytics engine processing **2,000+ datapoints/event** with sub-200ms latency for high-frequency prediction workflows.
- Built a Snowflake-powered ML pipeline achieving **85–90% accuracy** using optimized feature engineering + scikit-learn batch inference.
- Implemented async batching, Redis caching, and connection pooling, improving backend throughput by **3.1×**.
- Created a “Steamroller Detector” surfacing asymmetric market patterns in **<150 ms**, enabling faster trader decision cycles.

### AI Visual Novel Creator — 1st Place AI Award (CodeDay 2025) | Showcase

- Designed an AI-narrative engine generating **50+ coherent story scenes** using hierarchical prompt chaining and memory-aware logic.
- Boosted narrative consistency by **70%** through long-context state tracking and deterministic scene graphs.
- Produced **30+ AI-generated art assets** via Stability diffusion pipelines (characters + backgrounds).
- Implemented replayable branching-path engine with deterministic transitions for stable interactive storytelling.

### JiraGenie — AI Voice Assistant (DubHacks 2025) | Devpost

- Developed a low-latency voice agent that cut Jira task creation time from **60s → 5–10s** using STT/TTS + LLM routing.
- Optimized streaming audio pipeline with chunked inference, achieving **45% faster response times**.
- Built modular LLM prompt chains automating ticket creation, summarization, prioritization, and multi-step workflows.
- Integrated JavaScript/Forge automation reducing **90%** of manual user actions in complex Jira flows.

## EXPERIENCE

### Canva

Nov. 2025 – Present

Remote

#### AI Design & Data Storytelling Extern

- Built AI-powered storytelling templates adopted by **5+ teams**, accelerating content production workflows by **40%**.
- Automated multi-step data preprocessing pipelines, reducing data-prep workload by **35%**.
- Re-architected information hierarchy in pitch decks, improving narrative clarity and reducing noise by **35%**.

### Mathematics Tutor

Sep. 2023 – May 2024

Astana, Kazakhstan

#### Self-Employed

- Tutored **100+ students** and increased exam performance by **20–30%** through mastery-based learning pipelines.
- Engineered custom algebra/calculus modules incorporating spaced repetition, improving retention by **50%**.
- Developed scalable multi-student teaching system enabling structured small-group learning sessions.

## EDUCATION

### Bellevue College

Expected Jun. 2027

Bellevue, WA

#### Bachelor of Science in Computer Science

**Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Calculus I-IV, Physics