

Kourosh Alasti

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EXPERIENCE

Software Engineer

July 2025 – Present

PBXFlex

Remote

- Slashed feature development time by 60% (from 2.5 weeks to 1 week) by leading a team of 3 in migrating an Express.js backend to TypeScript
- Architected the decomposition of a monolithic backend into 4 core microservices, resulting in an 84% reduction in deployment times (from 25 to 4 minutes) and cutting the request drop rate by 50%
- Optimized GKE cluster efficiency by right-sizing pod resources to 0.2vCPU, balancing compute costs and maintaining 99% system uptime under high-usage scenarios

Fullstack Development Intern

Nov. 2023 – Feb. 2024

PBXFlex

Fullerton, CA

- Owned the fullstack development of the primary user and admin dashboard for a VoIP platform, building a feature-rich interface with TypeScript and Next.js to manage all user and organizational data
- Led end-to-end development of 7 new product features as a member of a 3-person Agile team, delivering 100% of product requirements ahead of schedule

Project Management Intern

June 2023 – Apr. 2024

North Blue Networks

Fullerton, CA

- Directed the project lifecycle for a Health Management System, improving team predictability and increasing the on-time feature delivery from 75% to 90%
- Boosted the sprint completion rate by implementing a new Agile framework for team of 5 developers utilizing sprint planning, bi-weekly standups, and Kanban boards

Frontend Developer

Oct. 2022 – June 2024

Indian Wells Valley Youth Softball

Ridgecrest, CA

- Drove a 5x increase in daily traffic by architecting and launching a new league website with React and Next.js, implementing SEO best practices to attract more registrations
- Digitized and automated the seasonal registration process by integrating a Square API payment gateway, eliminating mail-in forms and securely processing over 120 transactions

PROJECTS

FutDrafts | *TypeScript, React, Next, Tailwind, PostgreSQL, Python, FastAPI, Docker*

Feb. 2025 – May 2025

- Developed a feature-rich fantasy soccer platform with Next.js and FastAPI, implementing league management, real-time chat, head-to-head matchups, and an AI-powered draft assistant
- Designed a robust ETL pipeline in Python that scrape and aggregated data from multiple sources processing and normalizing over 20,000 rows of player statistics and league data to power the application
- Containerized a LightGBM regression model with Docker to predict player fantasy scores, achieving a 2.2 Mean Absolute Error and delivering real-time "top pick" recommendations to users during drafts

EDUCATION

California State University, Fullerton

Fullerton, CA

B.S. in Computer Science

Aug. 2021 - May 2025

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Golang, Python

Frameworks: React, Next.js, Node.js, FastAPI

Infra: AWS(S3, SES, RDS), GCP(GKE), RabbitMQ, Docker, Kubernetes

Database: PostgreSQL, MySQL, MongoDB, Redis