

Kourosh Alasti

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EXPERIENCE

Software Engineer <i>PBXFlex</i>	July 2025 – Present
	Remote
<ul style="list-style-type: none">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 TypeScriptArchitected 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 <i>PBXFlex</i>	Nov. 2023 – Feb. 2024
	Fullerton, CA
<ul style="list-style-type: none">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 dataLed 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 <i>North Blue Networks</i>	June 2023 – Apr. 2024
	Fullerton, CA
<ul style="list-style-type: none">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 <i>Indian Wells Valley Youth Softball</i>	Oct. 2022 – June 2024
	Ridgecrest, CA
<ul style="list-style-type: none">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 registrationsDigitized 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 <i>TypeScript, React, Next, Tailwind, PostgreSQL, Python, FastAPI, Docker</i>	Feb. 2025 – May 2025
<ul style="list-style-type: none">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 assistantDesigned 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 applicationContainerized 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 <i>B.S. in Computer Science</i>	Fullerton, CA
	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