Tadeh Boghozian

Software Engineer - Backend

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PROFESSIONAL EXPERIENCE

Software Engineer – Backend & AI (Contract) Remote

CTSS *(JobTitan Team)* **December 2025 - Present**

Lead marketplace connecting home-service professionals with local job opportunities

- Built and maintain the lead ingestion pipeline in Python, collecting job leads from multiple sources and normalizing and de-duplicating them into a searchable Postgres catalog deployed on AWS
- Integrated Claude to classify incoming leads by trade and service area, replacing manual tagging with automated LLM-based categorization
- Designed the matching logic that routes classified leads to subscribers by trade and location

Software Engineer II Hybrid - Sunnyvale

Walmart Global Tech (Dev Productivity Org) **August 2023 - August 2025**

Implementing a GenAI-powered Developer Assistant, streamlining support for thousands of employees and improving team productivity

- Leading end-to-end development of a company-wide developer assistant platform using a Python/Flask backend integrated with Microsoft Teams, pluggable LLM modules (internal and third-party), and a fully externalized, security-compliant API surface, coordinating across internal stakeholders and external vendors
- Engineered an LLM-powered chatbot for Slack using Python and Java that leverages Retrieval-Augmented Generation (RAG) techniques to deliver precise, context-aware answers to developer queries, streamlining support for over 20,000 engineers and saving estimated 4M+ developer hours
- Developed vector embedding service in Java with Milvus, auto-pulling from distributed sources on a schedule to provide live-refresh capabilities for RAG-based conversational agents, offloading data-sync workload from dev teams

Software Engineer Intern **June 2022 - September 2022**

Endress+Hauser

- Developed automated testing frameworks in C++ and C# for complex hardware (laser spectrometers), ensuring robust, reliable integration and improving bug detection time by 90%
- Integrated components of spectrometer, power supply, and data acquisition system comprising the text fixture using Keysight Technology equipment enabling developers to communicate with and run tests remotely and automatically for device development
- Led the technical documentation of legacy codebases, clarifying relevant functions for 10+ developers on the optical analysis team, resulting in improved code clarity and streamlined future work

EDUCATION

University of California, Los Angeles (UCLA) **September 2019 - March 2023**

B.S., Computer Science 3.5 GPA

Awards: *Scholarships for Excellence in Medicine, Engineering, & Music Multiple Time Recipient*

Relevant Coursework: Computer Graphics, Computer Vision, Linear Algebra, Data Structures & Algorithms, Software Tools, Operating Systems, Machine Learning, Fundamentals of Artificial Intelligence

TECHNICAL SKILLS

Programming Languages: Python, C++, Java

Databases: PostgreSQL, SQL

Ubuntu/Linux

Frameworks: Springboot**,** Django, Gin-gonic, NUnit

Tools/Systems: Docker, AWS, Azure, Kubernetes,