△ Ross Amiri

Senior Software Engineer

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About Me

I'm a senior software engineer with 7+ years of experience, mostly in web development. I enjoy breaking down complex problems and designing solutions, whether I'm tackling a technical challenge or a chess position! I care about developing a clean, maintainable code and building products people enjoy using. I'm a curious, self-taught developer who enjoys learning and sharing knowledge.

Python | JS/TS | Django | FastAPI | React | Next.js | Claude/Codex | OpenAI API | LLM Feature Integration

Experiences

TrustYou

Apr 2022 - May 2026
Munich, Germany
Full-time

Senior Full-Stack Engineer

TrustYou is an AI-First hospitality platform that helps hotels, destinations, and travel brands improve guest experiences, increase direct bookings, and reduce operational costs. The platform combines a Customer Experience Platform (CXP), Customer Data Platform (CDP), and AI Agents to collect and analyze guest feedback, manage customer data, automate interactions, and turn insights into business opportunities. It also helps businesses personalize guest experiences, respond to feedback using AI, and improve customer engagement throughout the guest journey.

Responsibilities:

- Developing full-stack systems with Python, Django, FastAPI, React, and Next.js
- Leading feature delivery from planning to production release
- Handling incidents, root-cause analysis, and operational improvements
- Mentoring engineers through reviews, testing, and technical guidance

Contributions:

- Migrated key data flows, product features, and integrations from Classic to CXP with minimal business disruption
- Reduced recurring data sync failures by 35% through improved pipeline reliability and observability
- Delivered direct response features for Google and Booking.com feedback integrations
- Reduced maintenance effort in legacy alerting and operations systems by 30% through refactoring and modernization
- Reduced manual effort in selected feedback workflows by 25% through AI-assisted customer-facing features
- Managed technical communication with stakeholders, across product, engineering, and operations

Achievements:

- Improved reliability and maintainability across customer-facing and internal systems
- Reduced integration-related incidents in CXP data pipelines
- Improved engineering productivity through shared services and reusable components
- Supported the modernization of core platform areas from Classic to CXP

SnappCarFix / CarFillo

Sep 2019 - Apr 2022
Isfahan, Iran
Full-time

Senior Full-Stack Engineer / CTO

SnappCarFix is an online platform for car parts and services, backed by Snapp (Iran's Uber equivalent). It includes web apps for stores, service centers, agents, and sellers, offering products and services such as oil, batteries, engine parts, and car washes, with seven delivery and service options. CarFillo is an online B2B shop where service centers can purchase products using credits earned by providing services through SnappCarFix.

Responsibilities:

- Led Engineering department
- Developed and delivered the platform
- Defined the platform's technical architecture and tools
- Managed the technical aspects of contracts

Contributions:

- Restructured the platform from WordPress and .NET to Python, Django, and React, handling more requests with a better UI/UX and less development overhead
- Introduced a TDD-based development process managed with Agile methodologies
- Added an interview to the onboarding process, interviewed over 50 people, and hired 20
- Replaced the ServiceCenters app with a PWA, enabling real-time updates and 60% faster service submissions
- Created the Agents app, making data gathering 80% faster and completely paperless

- Developed a core module to structure Django and React projects and utilities
- Restructured DevOps solutions with cache layers, Docker, GitLab CI/CD, monitoring, logging, and backup plans, enabling 10k RPS handling and 50% faster response times
- Created Accounting and Logistics modules, reducing manual work and human errors
- Created the Sellers platform to speed up warehouse stock and price updates
- Rewrote the Panda project as Matrix with Django 3.2, added Kubernetes, and secured credentials
- Rewrote the T2Bco project as Radix, migrating from .NET to Python, Django, and React

Achievements:

- Recorded over 3m users with their vehicle & 16k service centers data
- Recorded over 2k online orders and services daily
- Reduced logistics and warehouse costs by 40%

Press'nXPress

Jun 2019 - Nov 2019
Ontario, Canada
Part-time (Remote)

Full-Stack Engineer

A real-time feedback monitoring and analytics platform that collects data from multiple sources, including custom-built terminals and chips, SMS, and voice channels. The platform processes and visualizes feedback through interactive dashboards and charts, allowing users to analyze data and run custom queries. Customers included airlines, government organizations, shopping malls, and gyms.

Contributions:

- Developed backend, frontend, and admin panels of scanortap with NestJS and React
- Refactored parts of the main platform from Sails.js to NestJS and from Angular to React

Motosel

Sep 2018 - Sep 2019
Isfahan, Iran
Part-time

Full-Stack Engineer

A platform for automotive consumables, consisting of multiple web and mobile applications for service centers and retailers. The goal was to supply engine oil and related products to service centers at competitive prices while helping them attract more customers. The company later split into two businesses: CarFillo and SnappCarFix, the latter backed by Snapp, Iran’s leading ride-hailing platform.

Contributions:

- Refactored and restructured core backend project with Python/Django
- Developed a microservice to sync data between Stores and ServiceCenters
- Developed a real-time messaging module for in-app chats

Rahnema College

Aug 2018 - Sep 2018
Tehran, Iran
Internship

Backend Engineer

Rahnema College is one of Iran’s most competitive internship programs, offering tracks in software development, digital marketing, and other fields. Each year, only 30 candidates are selected from over 1,000 applicants through an online assessment and in-person interviews. The program includes two weeks of technical and soft skills training, covering topics from DevOps to teamwork, followed by eight weeks of hands-on development experience.

Contributions:

- Developed and managed a backend project combining Instagram and Pinterest features
- Configured and deployed the project on a Linux server with Nginx and MySQL

Projects

More on site

Negara

Local-first image prompt studio built with TypeScript and Next.js, combining Persian visual traditions, English/Persian interfaces, and browser-local project storage with persistent undo history.

Django Zero Settings

Reusable Python/Django utility for application settings, with defaults, global and local overrides, automatic imports, and configuration checks. Published on PyPI.

Django Smart Share

Python/Django application for sharing and managing files and directories on a local computer or server over HTTP. Published on PyPI.

Herdr Blackx

Developer workspace combining 21 native Herdr mods with JavaScript and Python: Markdown and CSV editing, image and PDF previews, file transfers between machines, and agent usage monitoring.