Sajad Rahimi

Senior Full-Stack Software Engineer | Technical Lead

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https://github.com/sami1367 نسخه فارسی PDF

Senior software engineer and technical lead with extensive experience architecting scalable web platforms, modernizing backend systems, and leading engineering teams across multiple products. Strong background in PHP (Laravel and Slim), Node.js, Express, NestJS, TypeScript, and full-stack development. Experienced in high-performance search engines, third-party API integrations, distributed systems, and financial transaction platforms. Hands-on experience using large language models and AI development tools, including Claude, Claude Code, OpenAI Codex, and Cursor. Creator of AI Worker, a source-available, self-hosted platform that integrates AI coding agents into GitHub and GitLab workflows to automate software development and code review.

Experience

Technical Lead / Senior Software Engineer

Oct 2024

Directam

Led technical architecture and engineering efforts for Directam, a major Iranian messaging and sales automation platform. Drove the transition from a centralized backend to scalable, distributed microservices to support millions of events, improve reliability and performance, and enable AI-powered capabilities.

- Provided technical leadership, architectural direction, and hands-on engineering across Directam, Directam Plus, and Avat, focusing on messaging automation and intelligent customer engagement.
- Rearchitected a centralized platform into distributed services, introducing independent microservices to reduce coupling and eliminate processing bottlenecks.
- Increased infrastructure load-handling capacity to more than 100 times that of the previous architecture through processing optimizations, workload distribution, and asynchronous execution.
- Designed for horizontal scaling, enabling additional processing capacity by adding servers without major architectural changes.

- Redesigned the data layer to reduce dependence on a central database, distribute load, improve service autonomy, and mitigate shared points of failure.
- Implemented asynchronous workflows and distributed job queues using Redis, Laravel Queues, Laravel Horizon, and message brokers to process high volumes of messages and background tasks.
- Diagnosed and resolved production performance bottlenecks, excessive resource consumption, service disruptions, and server failures during traffic spikes.
- Built centralized logging, monitoring, and service health checks to accelerate troubleshooting and improve operational reliability.
- Developed and integrated AI-powered messaging capabilities to automate responses and support intelligent user interactions.
- Contributed to the architecture and development of Avat, a messaging automation platform built around the Bale messenger.
- Developed and maintained backend services and APIs with an emphasis on performance, extensibility, error handling, and production stability.
- Guided technical decisions and architectural reviews, solved complex infrastructure issues, and collaborated with engineering teams to improve code quality and maintainability.

Senior Software Engineer / Technical Lead

Jan 2020 - Oct 2024

Iranicard (Paliz Group)

Contributed to the architecture, development, and modernization of multiple Paliz Group products, from Iranicard's international payments platform to building the Pateh travel platform from the ground up. Worked on high-volume, security-sensitive financial systems, backend modernization, microservices adoption, performance optimization, and technical leadership across different engineering teams.

- Developed and redesigned Iranicard services covering international payments, deposits and withdrawals, wallets, high-volume transaction processing, accounting workflows, and settlements.
- Helped modernize legacy backend infrastructure and migrate parts of the platform to microservices to improve scalability and maintainability.
- Identified and addressed security and performance challenges in financial and cryptocurrency-related systems, focusing on sensitive data protection, transaction reliability, and database and API optimization.
- Initiated Pateh as a solo developer, designing and building the platform from scratch before forming and leading multiple teams as the product grew.

- Designed and developed more than 25 microservices and integrated over 20 third-party APIs for domestic and international flights, hotels, buses, tours, and travel insurance.
- Architected a flight search engine capable of handling over 10,000 requests per second, with response times under one second for 90% of requests.
- Designed caching and search-result management mechanisms to reduce supplier API latency and dramatically accelerate flight result delivery.
- Integrated Pateh with Safarmarket, where its fast API responses helped Pateh flight listings consistently appear among the earliest search results.
- Provided technical leadership across multiple Paliz Group projects, contributing to architecture decisions, code reviews, and the resolution of complex production issues.

Full-Stack Engineer / Backend Developer

Jan 2019 - Dec 2019

Amreton

Developed backend services and APIs for the passenger and driver applications of Amreton, a ride-hailing platform that expanded into food delivery, medical assistance, and logistics.

- Built passenger and driver application APIs using PHP, Laravel, MySQL, Node.js, and Express.
- Optimized trip assignment APIs and migrated real-time communications to WebSocket.
- Participated in Scrum sprints, daily stand-ups, sprint planning and reviews, and product demos.

Full-Stack Developer

Feb 2015 - Nov 2018

Talamala

Independently designed and developed the Talamala website, two Android applications for customers and administrators, and the supporting backend.

- Delivered an integrated product consisting of a website and separate Android apps for customers and administrators.
- Built the backend with PHP and MySQL to process data and connect platform components.
- Developed web interfaces using JavaScript, jQuery, and AJAX.

Freelance Web Developer

Mar 2012 - Dec 2014

Ponisha

Delivered custom website and software projects for clients through Ponisha using WordPress, PHP, and JavaScript.

- Built responsive websites with dynamic functionality and accessible, practical interfaces.

- Designed and implemented tailored solutions using PHP, MySQL, JavaScript, and jQuery.
- Delivered projects under tight deadlines.

Skills

Applied AI and AI-Assisted Software Development

Large Language Models (LLMs), Claude, Claude Code, OpenAI Codex, Codex CLI, Cursor, Cursor CLI, AI-Assisted Software Development, Prompt and Context Engineering for Coding Agents, Automated Development and Code Review, AI Agent Integration with GitHub and GitLab, AI Agent Workflows, MCP, CodeGraph, Prompt Engineering, Agentic Workflows, GitHub Actions / GitLab Workflows

Backend Development

PHP, Laravel, Symfony, Slim, MVC, Node.js, Express, NestJS, Go, Gin, REST APIs, Backend Development, API Design, Microservices, Distributed Systems

Frontend Development

JavaScript, TypeScript, Angular, AngularJS, Vue.js, Nuxt.js, HTML, CSS, Bootstrap, SASS, jQuery, AJAX, Frontend Development, Vue 3, Nuxt 3

Databases and Messaging

MySQL, MongoDB, Database Optimization, Caching, Job Queues, Background Processing, RabbitMQ, PostgreSQL, Redis, Message Queues, Asynchronous Processing

Infrastructure and Software Delivery

AWS, Linux, Apache, LAMP, CI/CD, Git, GitLab, GitHub, Grafana, Git Workflows, Docker, Docker Compose, Nginx, Observability, Prometheus, Loki, Monitoring

Software Engineering

Microservices, Software Architecture, Software Design, Design Patterns, Object-Oriented Programming (OOP), SOLID Principles, Clean Code, Code Review, Unit Testing, Integration Testing, Scenario Testing, Pull Requests, Merge Requests, System Design, Scalability, High Availability, Performance Optimization, Clean Architecture

Technical Leadership and Collaboration

Team Leadership, Agile Methodologies, Scrum,

Problem Solving, Management, Effective Communication, Innovation, Planning, Time Management, Technical Leadership, Tech Lead, Agile, Mentoring, Cross-functional Collaboration

Education

Sepahan University

Bachelor's Degree in Electronic Engineering

Jan 2021 - Jan 2023

Projects

AI Worker

A personal, source-available project for running AI coding agents on self-hosted infrastructure and automating development tasks and code review in GitHub and GitLab.

- Designed a label-driven workflow that turns issues into code changes and pull or merge requests.
- Implemented automated code review and project Q&A without requiring code changes.
- Integrated Cursor CLI, Claude Code, Codex CLI, Gemini CLI, and GitHub Copilot CLI.
- Added support for GitHub, GitLab, and self-managed GitLab, with per-repository agent selection.
- Integrated CodeGraph and MCP to provide coding agents with semantic code context.
- Enabled Docker deployment, connection management, and encrypted storage of secrets.
- Published source code on GitHub: https://github.com/sami1367/ai-worker

Pateh

Travel booking platform for flights, buses, hotels, tours, and insurance.

- Developed over 25 microservices and integrated more than 20 external APIs for booking services.
- Delivered flight search results in under one second for 90% of requests.

Iranicard

International payment services platform.

- Improved payment service integrations, security, database performance, and customer experience.

Amreton

Ride-hailing platform that expanded into food delivery, medical assistance, and logistics.

Talamala

Website and two Android applications for customers and administrators, supported by a PHP and MySQL backend.

Certificates

Backend Application Development with Node.js and Express

Issued by IBM / Coursera

2023

Web Development with PHP and MySQL

Issued by Technical and Vocational Training Organization, Isfahan, Iran

2020

Languages

English

Persian (Farsi)

Kurdish

Interests

Software Architecture and Distributed Systems

Software Architecture, Distributed Systems, Microservices, Scalability, Performance Optimization

AI and Software Engineering Automation

AI Agents, Large Language Models (LLMs), AI-Assisted Development, Developer Automation, MCP

Open-Source Projects and Continuous Learning

Open Source, Self-Hosted Tools, Continuous Learning, Software Engineering

Technical Leadership and Knowledge Sharing

Technical Leadership, Mentoring, Code Review, Engineering Best Practices

Outdoor Activities and Travel

Camping, Hiking, Travel