

# Akash Jadhav

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## Professional Summary

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Software Engineer with 7+ years of experience in full-stack development and system architecture. Expert in Go, C#, JavaScript, and building scalable web applications with proven track record in team leadership and Agile/Scrum methodologies.

## Experience

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- Luwak Technologies**, Senior Software Engineer Remote  
June 2024 – present
- Architected high-performance file processing system with resumable uploads, WebSocket integration, storage calculator and automated thumbnail generation
  - Redesigned authentication service to support JWKS protocol for self-authenticating JWT tokens
  - Built relationship-based authorization system using SpiceDB and integrated comprehensive observability stack with OpenTelemetry
- Freelance Consulting**, Senior Software Engineer Remote  
Sept 2023 – May 2024
- Rationarium:** Database optimization, blockchain transaction processing, and developed Ledger and Multi-Currency Journal modules
  - Pilot Tech:** Vue.js frontend development with UI automation testing, PHP backend maintenance
- Invmatic Technologies**, Senior Software Developer Pune  
May 2022 – Aug 2023
- Led development of low-code platform with drag-and-drop functionality and real-time alerting systems
  - Successfully migrated legacy .NET Framework codebase to .NET 5 and implemented microservices architecture
- Social Lab Environmental Solutions**, Senior Software Engineer Remote  
Apr 2021 – Apr 2022
- Led team of 7 engineers in migrating JavaScript codebase to TypeScript and established CI/CD pipelines
  - Developed comprehensive waste management system with automated compliance reporting and data analytics dashboard
- Applied AI Consulting / thework.life**, Software Engineer Pune / Remote  
Jan 2019 – May 2021
- Developed AI-powered content creation assistant platform using Python, JavaScript, and MySQL
  - Refactored legacy ASP.NET MVC codebase and developed new features for remote work management platform

## Skills

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**Programming Languages:** Go, C#, JavaScript, TypeScript

**Backend Technologies:** Go Fiber, ASP.NET Core, Node.js, Express.js, NestJS, Entity Framework, Prisma, SQLC

**Databases & DevOps:** PostgreSQL, MySQL, MongoDB, Redis, Docker, CI/CD, Git, Microservices

**Frontend Technologies:** React.js, Next.js, Vue.js, Tailwind CSS

**Leadership & Methodologies:** Team Leadership, Agile/Scrum, Technical Mentoring, System Architecture, Performance Optimization, Code Review

**AI Tools:** Cursor, MCP

## Education

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**B.Tech Rajarambapu Institute of Technology**, Computer Science & Engineering

Aug 2014 – Aug 2019

## Open Source Contributions

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### Juliaup

2024

- Technologies - Rust, Serde, Clap
- Improved self-channel command errors ([PR-882](#)) and fixed installer crash ([PR-951](#))

### Elsa Workflows

2023

- Technologies - C#, Docker, Entity Framework
- Enhanced database schema editing, added MySQL support, and configurable CORS policy ([PR-4072](#), [PR-4047](#), [PR-4022](#))

## Projects

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### TemporalFlow - Trading Bot Platform

- Technologies - Go, PostgreSQL, Redis, Next.js, Tailwind
- Automated trading platform with live stock prices, strategy selection, and real-time P&L tracking
- Implemented parent-child trade tracking for recurring strategies and comprehensive trade logging

### Tag Manager - Go Package Version Management CLI

- Technologies - Go, CLI, Git, YAML Configuration
- Command-line utility for managing version tags across multiple Go repositories
- Features package discovery, flexible tag formats, and persistent configuration management

### Real-time Chat & Notification Service

- Technologies - Go, Fiber, Sqlc, Redis, Websocket
- Multi-client chat server with real-time communication and Redis message queuing
- Built using Go microservices architecture with Nginx load balancing and horizontal scaling

## Teaching & Mentoring

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**Node.js Instructor - Inflection Zone Lab Pvt. Ltd.:** Feb 2023 - Mar 2023 | Taught JavaScript, TypeScript, Database Design, Prisma, and Express.js to aspiring developers