

# AMAN SINGH

Software Developer — Go — PHP — Python — JavaScript — MySQL — Redis — Distributed Systems

[amans27203@gmail.com](mailto:amans27203@gmail.com) | +91-8454828137 | [linkedin.com/in/linkmeaman](https://www.linkedin.com/in/linkmeaman)

## PROFESSIONAL SUMMARY

Software Developer with 2+ years building scalable services serving 35,000+ users. Expertise in Go, PHP, Python, MySQL, and Redis with proven success reducing system latency by 65% and automating workflows saving 80% manual effort. Specialized in REST APIs, database optimization, and distributed systems maintaining 99.9% uptime.

## PROFESSIONAL EXPERIENCE

### Software Developer

*TickleRight Eduventures (SaaS Ed-Tech Platform)*

**Apr 2023 – Present**

Mumbai, India (Remote)

- Architected subscription management microservice in Go serving 35,000+ users; automated renewal workflows reducing manual effort by 80% and increasing retention by 12%
- Implemented Redis cache-aside pattern achieving 65% latency reduction (330ms to 115ms p95) for high-traffic queries serving 35,000+ concurrent users
- Integrated Google Calendar API handling 500+ weekly schedules; eliminated 30 hours monthly coordination overhead
- Optimized MySQL database (500GB+) through query refactoring and indexing; reduced query time by 40% while handling 2M+ daily API requests
- Built FastAPI real-time chat platform with Meta Business APIs and WebSockets; eliminated \$800+ monthly SaaS costs
- Developed automated agent distribution system improving response time by 45% across multiple channels
- Created inquiry management system accelerating client onboarding by 30% through automated workflows
- Maintained 99.9% uptime across distributed microservices while managing deployments and incident resolution

## KEY TECHNICAL PROJECTS

**Meta Chat Integration Platform** – FastAPI, React.js, Meta API, MySQL, WebSockets 2024

- Built full-stack application integrating Facebook and Instagram messaging; replaced third-party tools saving \$800+ monthly
- Implemented webhooks and WebSocket server for real-time message sync handling 10,000+ daily messages
- Designed RESTful backend with JWT authentication, rate limiting, and automated agent routing reducing wait time by 40%

**Calendar Event Automation Tool** – Go, Google Calendar API, REST 2023

- Engineered CLI and REST service automating recurring events; deployed to 20+ users saving 5+ hours weekly each

**TRATOM – Distributed A/V Recording System** – Python, Django, FFmpeg, REST API 2022

- Refactored monolithic app into Django microservices; enabled concurrent recording across 50 classrooms with 25% CPU reduction

## TECHNICAL SKILLS

**Languages:** Go, PHP, Python, JavaScript, SQL

**Frameworks:** FastAPI, Django, REST APIs, Microservices

**Databases:** MySQL, Redis, Query Optimization, Indexing

**Tools:** Docker, Linux, Git, Postman, WebSockets, OAuth 2.0, JWT

**Practices:** System Design, Performance Optimization, Code Review

EDUCATION

Bachelor of Science in Information Technology	2020 – 2023
University of Mumbai	Mumbai, India
CGPA: 8.4/10 (Distinction, Top 15%)	
Relevant Coursework: Distributed Systems, DBMS, Data Structures & Algorithms	

CERTIFICATIONS & ACHIEVEMENTS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional	2025
Performance Achievement: Reduced system response time by 65% (330ms to 115ms) serving 35,000+ users through Redis caching and query optimization	