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Hassan Mohammadian
Senior Software Engineer & Backend Developer

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SUMMARY

Senior Software Engineer with 6+ years of experience specializing in backend development, Golang microservices, and cloud-native applications. Expert in distributed systems, database optimization, and high-performance APIs. Strong background in DevOps, Docker, CI/CD, security, and testing. Experienced in AI-powered automation and mentoring teams to deliver scalable, maintainable software.

EXPERIENCES

Rapid Solutions International – Dubai, UAE Remote – Full-time   **https://www.rapidsolutionsint.com**

Senior Software Engineer, Golang Developer   *July 2024 - Present*

Key Accomplishments:

- Engineered AI-powered automation with OpenAI APIs, increasing employee productivity by 40% and reducing manual effort by 60%.
- Architected and deployed microservices infrastructure in Golang with Docker, improving system scalability by 3x and reducing deployment time by 80%.
- Created high-performance REST APIs with OpenAPI documentation and automated CI/CD pipelines, reducing release time from 2 hours to 15 minutes.
- Implemented secure authentication (OAuth2, JWT) and optimized PostgreSQL with Redis caching, achieving 5x faster response times and 99.9% uptime.

Modaber System-e Shargh – Tehran, Iran Remote – Full-time

Senior Software Engineer, Golang Developer   *Apr 2023 - Jun 2024 (14 mos)*

Key Accomplishments:

- Transformed legacy PHP monolith into distributed Golang microservices, achieving 70% latency reduction and 5x scalability improvement.
- Applied Clean Architecture & SOLID principles, enabling easier testing and reducing developer onboarding time from 3 weeks to 1 week.
- Built real-time notification system using Golang concurrency (goroutines, channels), supporting 50,000+ events daily with 99.5% reliability.
- Implemented automated testing frameworks and monitoring with ELK stack, reducing production bugs by 85% and downtime by 90%.

Datam Fanavari-e Kharazmi-e Arian (iBrand) – Gorgan, Iran On-site – Full-time   **https://ibrandagency.ir**

Full Stack Developer, Senior   *Jul 2020 - Feb 2023 (2 yrs 8 mos)*

Key Accomplishments:

- Led a team of 5 developers, introducing code review processes that improved product quality by 30% and reduced defects by 45%.
- Optimized PostgreSQL/MySQL databases with advanced indexing strategies, cutting query execution time by 8x and improving overall system performance by 60%.
- Re-architected Yargar project, improving scalability by 4x and supporting 15+ additional organizational units.
- Created e-commerce modules (shopping cart, cross-sell) that increased client revenue streams by 25% across 20+ businesses.

Projects' links: Carbon   iBolak Automation

Freelancer – Gorgan, Iran Remote – Full-time   **https://hasssanitman.ir**

Full Stack Developer, Mid-Level   *Apr 2018 - Jun 2020 (2 yrs 3 mos)*

Key Accomplishments:

- Designed and deployed Yargar system for agricultural input distribution, reducing smuggling by 75% and improving transparency by 90%.
- Collaborated with 8+ government organizations to define processes and delivered a scalable backend solution supporting 500+ daily users.
- Conducted 30+ training workshops for end-users, achieving 95% adoption rate and 98% satisfaction score.

Projects' links: Yargar   Ojrat

EDUCATION

B.Sc. in Information Technology – University of Applied Science and Technology

Associate's Degree in Computer Software Engineering – Technical and Vocational University

TECHNICAL SKILLS

Languages & Frameworks: Go (Golang), Microservices, Concurrency (goroutines, channels), Clean Architecture, SOLID Principles
Databases & Caching: PostgreSQL, MySQL, Redis, MongoDB
DevOps & Infrastructure: Docker, Linux, CI/CD, Cloud-Native Applications
Testing & Monitoring: Unit Testing, Integration Testing, API Testing, TDD, Prometheus, Grafana, ELK Stack
Security: OAuth2, JWT, OWASP Best Practices
AI & Automation: OpenAI APIs, GPT Integrations, AI-Powered Workflows