
Merat Akbari

Software Engineer | Golang & Node.js Specialist | DevOps & Scalable Systems Enthusiast

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Summary

Software Engineer with 6+ years designing and developing scalable microservices, monolithic applications, and enterprise-level systems using Golang, Node.js (Nest.js and Express.js). Consistently delivered 20-35% performance improvements through system optimization with PostgreSQL, MongoDB, and Elasticsearch. Experienced in leading cross-cultural teams across multiple international offices, resulting in improved team productivity and knowledge sharing.

Skills

Golang, Node.js, Javascript, Typescript, MongoDB, PostgreSQL, MySQL, Redis, Linux, Java, Express.js, Nest.js, Docker, Elasticsearch, TypeORM, CI/CD, Jenkins, Kubernetes, TDD, Git, GitHub, OOP, Functional Programming, Design Patterns, SOLID, gRPC, GraphQL, RabbitMQ, Third-Party API Connections, AWS, Restful Services, Agile, Kanban, GraphQL

Experience

Back End Developer

CRStrip • Dubai, United Arab Emirates

10/2023 - Present

- Architected a scalable, domain-driven infrastructure in Golang, leveraging Redis for caching, accelerating development speed by 20%, and fortifying product reliability, driving a 10% boost in sales.
- Revamped product quality, catalyzing a 10% increase in sales through engineered system reliability improvements, slashing downtime by 15%.
- Orchestrated Docker and Kubernetes deployment infrastructure, revolutionizing system scalability and reducing deployment time by 30%.
- Mentored team members in Docker and Kubernetes best practices, spearheading deployment process improvements that yielded a 40% error reduction.

Back End Developer

Research Center for Developing Advanced Technologies (RCDAT) • Tehran, Iran

01/2021 - 09/2023

- Designed and optimized microservices architecture for scalable platforms using Nest.js, Express.js, and TypeScript, enhancing system reliability for 20+ organizations.
- Engineered resilient data pipelines utilizing Kafka and RabbitMQ, processing 500,000+ messages per minute with <50ms latency, which optimized data flow across 20+ microservices.
- Implemented Elasticsearch, reducing query response times by 35% and enhancing user satisfaction.
- Built and launched an employment platform with a targeted recommender system, enabling precise job matches for 1,000+ concurrent users.
- Refactored MongoDB database architecture and introduced DynamoDB, optimizing data retrieval for 500+ job seekers and 200+ employers.
- Pioneered the creation of CI/CD pipelines utilizing Jenkins and Docker for three development teams, decreasing the average development cycle time by 30% and enabling faster feature deployment.
- Spearheaded testing infrastructure improvements using Jest and Mocha, cutting system errors by 20% and strengthening project stability.
- Modernized a legacy codebase, enabling the implementation of 20+ new features and increasing sales by 15% within one quarter.

Mobile Application Developer

Ubim • Kermanshah, Iran	04/2017 - 10/2020
<ul style="list-style-type: none">Implemented an eBay-style e-commerce platform and collaborated with UI/UX teams to create user-centric designs that received positive feedback from 90% of initial testers.Architected and launched a cross-platform mobile application built with Flutter, resulting in a 25% increase in customer engagement.Drove user acquisition to 1,500 users during the initial launch phase, achieving a 20% monthly growth rate.Led the migration to Flutter, implementing advanced animations and modern UI/UX elements, which increased user engagement by 40%.	

Education

Bachelor's Degree in Computer Systems Architecture

Kermanshah University of Technology (KUT) • Kermanshah, Iran	09/2016 - 09/2020
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Diploma • Mathematics

National Organization for Development of Exceptional Talents • Kermanshah, Iran	09/2012 - 06/2016
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Languages

Dutch	(Beginner)	- Currently improving through professional development.
English	(Proficient)	- Daily professional communication in international teams
Persian	(Native)	- Technical and business communication