# Mohammadali "Merat" Akbari

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## Summary

Software Engineer leveraging 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, specializing in Domain-Driven Data-oriented.

## Skills

Golang, Node.js, Javascript, Typescript, MongoDB, PostgreSQL, MySQL, Redis, Linux, Java, Express.js, Nest.js, Docker, Elasticsearch, Agile, CI/CD, Jenkins, Kubernetes, Software Development, Software Testing, AWS, TDD, Git, GitLab, GitHub, OOP, FP, Design Patterns, SOLID, Third-Party API Connections, RESTful Services, Flutter

## Experience

### Software Engineer

CRStrip • Dubai - Emirates · Remote                                     10/2023 - Present

- Architected a scalable, domain-driven infrastructure in Golang, 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% reduction in errors.

### Software Engineer

Research Center for Developing Advanced Technologies (RCDAT) • Tehran - Iran · On-site        06/2022 - 09/2023

- Developed and optimized services and sub-services for a microservice-based employee management platform using Nest.js and Typescript, orchestrating seamless data workflows for 20+ organizations.
- Implemented ElasticSearch integration, slashing query response times by 35% and dramatically elevating user satisfaction.
- Pioneered CI/CD pipelines from the ground up for three teams, reducing development cycles by 30% and accelerating feature delivery.
- Orchestrated CI/CD workflows with GitLab CI/CD and Jenkins, executing 12-15 daily zero-downtime deployments, boosting developer productivity by 25%.

### Backend Developer

Mizan Gostaran Sharif • Tehran - Iran · On-site                              01/2021 - 04/2022

- Developed and launched a sophisticated employment platform featuring a targeted recommender system; facilitated precise matches between job seeker qualifications and employer criteria while supporting more than 1,000 concurrent users.
- Optimized MongoDB database architecture, managing complex data relationships for 500+ job seekers and 200+ employers.
- Spearheaded comprehensive testing infrastructure development, reducing system errors by 20% and strengthening project stability.Revolutionized legacy codebase, enabling 20 new feature implementations and driving a 15% sales increase within the first quarter.

## Mobile Application Developer (Prior Stack)

Ubim • Kermanshah - Iran · On-site                                    09/2019 - 10/2020

- Architected and launched a cross-platform mobile application using Flutter, driving a 25% surge in customer engagement.
- Propelled user acquisition to 1,500 users during the acceleration phase, achieving a 20% monthly growth rate. Partnered with UI/UX designers to craft an intuitive interface, resulting in 25% improved customer satisfaction scores.
- Championed the end-to-end development of a robust insurance industry application, facilitating the onboarding of 200+ new clients within the first six months and increasing overall market share by 10%.

## Junior Mobile Application Developer (Prior Stack)

Behpouya • Kermanshah - Iran · On-Site                                  04/2017 - 03/2019

- Designed and implemented a fully functional eBay-style e-commerce platform, collaborating with UI/UX teams to create user-centric design solutions that garnered positive feedback from 90% of initial testers.
- Configured migration to Flutter, implementing sophisticated animations and modern UI/UX elements, resulting in 40% increased user engagement.

## Education

## Bachelor's Degree in Computer Systems Architecture

Kermanshah University of Technology (KUT) • Kermanshah - Iran                      09/2020

## Diploma · Mathematics

National Organization for Development of Exceptional Talents • Kermanshah - Iran                      06/2016

## Languages

English, Persian