Mohammadali "Merat" Akbari

Software Engineer

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Summary

Software Engineer with **+8 years** of experience designing and deploying scalable systems using Node.js and Golang. Passionate about clean architecture, DevOps, and performance optimization. Currently seeking a new opportunity to continue driving backend excellence in modern software teams.

Technical Skills

Programming Languages: Go, JavaScript, TypeScript, Java, Python

Frameworks/Libraries: Node.js, Express.js, Nest.js, Flask, GraphQL, React.js, Next.js, HTMX, Tailwind CSS

Databases: MongoDB, PostgreSQL, MySQL, Redis, Elasticsearch

Software Design Concepts: Design Patterns, Object-Oriented Programming (OOP), Functional Programming, SOLID Principles, Concurrency and Parallelism, Asynchronous Programming

DevOps & Infrastructure: Docker, Kubernetes, Jenkins, ArgoCD, GitLab CI/CD, GitHub Actions, AWS, GCP

Technical Architectures: Microservices, Domain-Driven Design (DDD), Serverless Architecture, RESTful Architecture, gRPC

Development Practices: Agile Methodologies, Kanban, Test-Driven Development (TDD)

Tools/Platforms: RabbitMQ, Git, Jira, Prometheus, Grafana

Experience

Back End Developer

CRStrip • Dubai, UAE • Remote   **Oct 2023 - present (2 yrs)**

CrsTrip is a tourism service provider, offering ticket sales, financial management, and booking solutions.

- **Architected a scalable domain-driven infrastructure** in Golang, leveraging Redis for caching, accelerating development Increase speed and fortify product reliability, resulting in a 10% sales boost.
- **Renovate product quality**, catalyzing a 10% increase in sales through engineered system reliability improvements.
- **Orchestrated Docker and Kubernetes deployment infrastructure**, revolutionizing system scalability and reducing deployment time.
- **Mentored team members in Docker and Kubernetes best practices**, spearheading deployment process improvements that yielded a 40% error reduction.

Key Skills: Golang, Node.js, PostgreSQL, HTMX, CI/CD, Agile, Git, GitHub Actions, Kubernetes, Microservices, AWS

Back End Developer

Research Center for Developing Advanced Technologies (RCDAT) • Tehran, Iran   Jan 2021 - Sep 2023 (2 yrs, 11 mos)

RCDAT is a private research institute, specializing in high-quality application development for business organizers.

- **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 low latency, which optimized data flow across 20+ microservices.
- **Implemented Elasticsearch**, reducing query response times and enhancing user satisfaction.
- **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.
- **Lead testing infrastructure improvements** using **Jest** and **Mocha**, cutting system errors and strengthening project stability.
- **Modernized a legacy codebase,** enabling the implementation of 50+ new features and increasing sales.

Key Skills: Node.js, MongoDB, TypeScript, Kanban, Gitlab CI/CD, Microservices, Kubernetes, Elasticsearch, AWS

Full-Stack Developer

Ubim • Kermanshah, Iran   Jul 2017 - Oct 2020 (3 yrs, 4 mos)

Ubim is an online platform offering insurance inquiry, consultation, and purchasing services.

- **Designed and developed an e-commerce platform** using **React.js** and **Node.js**, supporting +500 active provider listings.
- **Led the migration to React.js**, implementing advanced animations and modern UI/UX elements, which increased user engagement by 40%.
- Drove user acquisition to 1,500 users during the initial launch phase, achieving a 20% monthly growth rate.
- **Improved system performance and code maintainability** by implementing a modular architecture and integrating RESTful APIs.

Key Skills: React.js, Node.js, JavaScript, TypeScript, REST APIs, Agile, Git, UI/UX, Figma

Education

Bachelor's Degree in Computer Systems Architecture

Kermanshah University of Technology (KUT) • Kermanshah, Iran   Sep 2016 - Sep 2020

Languages

Dutch (Beginner) - Currently improving through professional development.

German (Elementary) - with basic proficiency and communication abilities..

English (Proficient) - Daily professional communication in international teams.