Kasra Aminiyeganeh

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ABOUT

As a software engineer, I find intellectual satisfaction in producing high-performance, clean code that powers highly distributed and available systems. I'm convinced that the best solutions emerge from cohesive teams where every member plays their part. I enjoy crafting tool with best practices.

SKILLS

- **Programming:** Python, Java, Linux, C/C++, HTML/CSS, JavaScript, SQL, Git, AWS, Go

- **Engineering:** API Design, System Design, Distributed Systems, Cloud Deployment, Databse Design

- **Team Collaboration:** Task management, Jira, Agile

EXPERIENCE

MyDigipay, Tehran, Iran

Backend Software Engineer   Jan 2020 - Aug 2021

- Designed and implemented microservices using Golang, Python, and JavaScript, resulting in a 50% improvement in the scalability and maintainability of the company's applications

- Developed and deployed distributed services across multiple nodes using gRPC and Istio, enhancing application resilience, performance, and reducing latency by 30%

- Implemented monitoring techniques and tools such as Prometheus and Grafana, enabling proactive issue identification and resolution, improving system reliability by 25%

- Applied code refactoring techniques and utilizing design patterns to optimize existing codebase, increasing maintainability and reducing technical debt by 40%

- Drove the adoption of Agile methodologies and facilitating Scrum ceremonies, which increased project visibility, improved team collaboration, and accelerated product delivery by 20%

Junior Backend Software Engineer   Sept 2018 - Jan 2020

- Assisted in building and maintaining RESTful APIs using Python and JavaScript, leading to a 25% reduction in response times for critical application components

- Collaborated with senior developers to implement efficient database schemas, optimize queries, and develop caching strategies using Redis that improved application performance by 20%

- Gained hands-on experience with AWS services, such as EC2, S3, RDS, and Lambda, contributing to a 15% reduction in infrastructure costs

- Gained proficiency in Elasticsearch, which improved search capabilities and response times, resulting in a 35% increase in user satisfaction

- Developed and implemented software testing strategies, including unit, integration, and end-to-end tests, which improved code quality and contributed to a 10% increase in overall project success rates

- Gained experience in CI/CD pipelines and tools such as Jenkins, leading to more efficient development workflows and a 40% reduction in time spent on code integration and deployment

PROJECTS

Golang Logging Library

- Developed a robust and flexible logging library in Golang, designed for easy integration into various applications.

- Implemented multiple logging levels such as DEBUG, INFO, WARN, and ERROR for granular control over log output.

EDUCATION

Concordia University, Montreal, CA

MSc in Computer Engineering   Sept 2021 - August 2023

- Research focus on Edge Computing Performance Evaluation.