

David Miler

Senior Software Engineer

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Summary

Senior Software Engineer with strong fundamentals in data structures, algorithms, and software design. Experienced delivering scalable backend services and APIs, improving reliability with testing and observability, and leading code reviews and mentoring. Thrive in cross-functional Agile teams and ownership from design to production.

Core Skills

Languages	Java, C++, SQL
Backend	REST/gRPC APIs, microservices, distributed systems, caching, messaging
Cloud & DevOps	AWS/Azure/GCP, Docker, Kubernetes, CI/CD, monitoring & alerting
Practices	Agile/Scrum, Git, code reviews, testing, debugging, performance tuning

Professional Experience

Senior Software Engineer | [Company] - San Francisco, CA | [MM YYYY] - Present

- Owned architecture and delivery for complex services; drove design reviews and implementation from concept to production.
- Collaborated with product, design, and QA to define requirements and ship features with measurable quality and performance goals.
- Maintained high engineering standards through code reviews, testing, CI/CD automation, and production-ready documentation.
- Mentored junior engineers, supported on-call, and led debugging/performance investigations to improve reliability.

Software Engineer | [Company] | [MM YYYY] - [MM YYYY]

- Built and maintained backend APIs and integrations; optimized data access with caching and efficient queries.
- Worked in Agile sprints, improved developer workflows with Git-based CI/CD, and contributed to incident response playbooks.

Selected Projects

- **Cloud-Native Service Platform:** Designed microservice boundaries, API contracts, and deployment using Docker/Kubernetes; added monitoring and alerting.
- **Performance & Reliability:** Introduced structured logging, dashboards, and tracing to speed up debugging and improve service health.

Education

B.S. in Computer Science - [University], [Year] | Certifications (optional): [AWS/Azure/GCP], [Kubernetes], [Other]
Keywords: Java, C++, Agile, AWS/Azure/GCP, data structures, algorithms, system design, debugging, mentoring