EGE AYDIN

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TOP-PERFORMING BACKEND SOFTWARE ENGINEER

Software Engineer • Senior Software Engineer • Software Architect

Object-Oriented Design • Infrastructure Architecture • Cross-Platform Development • AWS • RestAPI • Microservices • Disturbed Systems • .NET • C# • Python

Cloud-native engineer with 6+ years of experience designing scalable, high-performance systems that drive business value. Proven track record in cost optimization (e.g., $1M+ annual savings), real-time systems, and cross-platform architecture. Passionate about clean, innovative solutions with lasting impact.

WORK EXPERIENCE

OpenText, San Jose, CA   **Aug 2021 – April 2025**
Software Engineer

- Led Cloudera-to-Vertica migration, cutting infra costs from $1M to <$100K/year by reducing nodes (33→6) and removing licensing fees.
- Boosted data platform performance by eliminating timeouts and achieving real-time queries with Vertica.
- Built scalable .NET MVC REST APIs to filter/query 1B+ rows/day with minimal latency for analytics and monitoring.
- Increased reliability by implementing Unit and Integration Tests across pipelines, cutting bugs by 40% and deployment time by 30%.
- Automated security scans with Black Duck and Fortify, enabling 100% coverage per release and reducing manual review by 70%.
- Partnered with management to support pre-release approvals and ensure smooth, timely deployments.
- Worked with DevOps to build robust CI/CD pipelines, accelerating release cycles by 30% and improving deployment reliability.

Webroot – OpenText, San Jose, CA   **May 2019 – Aug 2021**
Associate Software Engineer

- Built data pipeline processing 1B+ records/day via AWS S3, SQS, and Kinesis; reduced Kinesis Shards from 40→8, cutting costs 20%; added AWS CloudWatch for observability.
- Cut CPU/memory usage 80%, halving server costs via EC2 instance optimization.
- Developed fast-response API filtering 50M logs/hour using Apache Phoenix on Cloudera.
- Enabled real-time alerts (<2 min) by implementing CloudWatch Metrics, Logs, and Alarms.
- Sped up feature dev by 200% via 15 internal NuGet libraries and packaging automation using NuGet + GitLab.
- Reduced service install time to 10 seconds with custom package manager.

EDUCATION

Bahcesehir University, Istanbul, Turkey
B.E., Computer Engineering • 2016

Certifications: Software Engineering and Quality Certificate – UCSC Extension Silicon Valley