**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