Selçuk Cihan

Senior Software Engineer

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SUMMARY

As a former Amazonian devoted to helping customers and solving problems, Selçuk brings a strong sense of ownership and a track record of delivering results. With twenty years of experience developing enterprise grade applications, he has a proven ability to take on technical & management duties from operations to development, team building and architecture.

EXPERIENCE

RTIC Outdoors

2023 - Present

Senior Software Engineer

- Created mobile device management tools.
- Automated warehouse operations.
- Increased observability of the backend systems.

Serverless Inc.

2022 - 2023

Senior Software Engineer

- Led the team that created the Python AWS Lambda SDK for Serverless Console, which is an observability platform for applications running on AWS Lambda.
- Implemented CI/CD flows on github actions.

Tellimer

2019 - 2022

Senior Software Engineer

- Created serverless backends for multiple products, including a machine learning SAAS application.
- Mentored team members and led design sessions to determine the correct system architecture.
- Took the initiative to improve operational excellence through active monitoring and improved visibility.

Toptal

2018 - 2019

Senior Software Engineer

- Developed a REST API, fully serverless on AWS.
- Optimized cost resulting in more than 50% saving on AWS bill.
- Mentored developers and reviewed pull requests.

Amazon

2017 - 2018

Software Engineer

- Developed and maintained the orchestration platform that processes Amazon’s catalog updates.
- Carried out live migrations of several web services without downtime.
- Successfully deprecated multiple legacy services in an effort to enable catalog growth.

Intertech

2013 - 2017

Senior Software Engineer

- Supported the workflow engine serving banking applications such as loans, customer complaints etc.
- Set up elastic to index workflow engine documents, enabling powerful search for the end user.
- Designed a workforce management system that empowers the bank’s operation center.

Ziraat Teknoloji

2011 - 2013

Software Development Engineer

- Implemented workflow engine running on top of Oracle, serving over 100,000 workflow instances daily.
- Served as scrum master and mentored junior developers.

AirTies

2009 - 2010

Software Development Engineer

- Developed solutions for IPTV products in C & C++.
- Implemented teletext and RTSP parsers.
- Worked on closed captioning and subtitles for IPTV.

EDUCATION

Boğaziçi University

BS. & MS. in Computer Science

- Computer Science

CERTIFICATIONS

AWS Certified Solutions Architect - Professional

Amazon Web Services | 2025-06

SKILLS

TypeScript/JavaScript, Python, Perl, Java/Scala, SQL/NoSQL, GraphQL, AWS, Serverless, Kubernetes, Distributed Systems, Google Cloud, Docker, NodeJS, React, Unix

REFERENCES

Daniel Vliegenthart

Team Lead, Tellimer | daniel.vliegenthart@gmail.com

> I've been most impressed by his exceptional ability to tackle every phase of software development with in-depth knowledge, confidence and clear communication. I cannot emphasize enough how good Selcuk is at communicating in a clear and structured manner.

Ian Watt

Co-founder, Tellimer | ian.watt@tellimer.com

> He was the perfect remote contractor in many ways. His communication skills are top, he is very much a self-starter who can get stuck in on work with minimal guidance or oversight, and his code quality (and documentation!) is exceptional.

Erdem Kurul

Software Development Manager, Intertech | erdemkurul@gmail.com

> Selçuk is a quick learner, he approaches problems systematically and understands the business and customer needs. He is very detail-oriented, and a hard worker. You can trust him with the most challenging issues.