SELÇUK CİHAN

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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 over fifteen 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.

He successfully managed the development of mission-critical workflows and optimized engineering processes to enhance efficiency and deliver value. His ability to balance technical depth with strategic vision enables him to inspire teams and deliver innovative solutions that align with organizational goals.

PROFESSIONAL EXPERIENCE

Senior Software Engineer at RTIC Outdoors (2023 - Present)
- Created mobile device management tools.
- Automated warehouse operations.
- Increased observability of the backend systems.

Senior Software Engineer at Serverless Inc. (2022 - 2023)
- 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.

Senior Software Engineer at Tellimer (2019 - 2022)
- 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.

Senior Software Engineer at Toptal (2018 - 2019)
- 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.

Software Engineer at Amazon (2017 - 2018)
- 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.

Senior Software Engineer at Intertech (2013 - 2017)
- 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.

Software Development Engineer at Ziraat Teknoloji (2011 - 2013)
- Implemented workflow engine running on top of Oracle, serving over 100,000 workflow instances daily.
- Served as scrum master and mentored junior developers.

Software Development Engineer at AirTies (2009 - 2010)
- Developed solutions for IPTV products in C & C++.
- Implemented teletext and RTSP parsers.
- Worked on closed captioning and subtitles for IPTV.

EDUCATION

- **M.S. in Computer Science, [Boğaziçi University](#) (2010 - 2012)**
- **B.S. in Computer Science, [Boğaziçi University](#) (2003 - 2008)**

REFERENCES

Daniel Vliegenthart, Team Lead, [Tellimer](#)

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, CTO, [Tellimer](#)

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, [Kurulum Cognitive Services](#)

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.

SKILLS

- AWS
- Python
- Java
- Serverless
- Kubernetes

- Javascript/Typescript
- NodeJS
- React
- SQL
- Docker

- NoSQL
- Distributed Systems
- Microservices
- Google Cloud
- Unix

CERTIFICATIONS

- **AWS Solutions Architect Professional**
- **AWS Developer Associate**