



Cihat Keles

Software Engineer

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<https://kriptogram.net>

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github.com/cstak

About

He's a computer engineer. He likes information security and software development, particularly in the areas of secure protocols, cryptography, multimedia encryption, end-to-end encryption, privacy, and anonymity. He has experience in web and desktop application development using various technologies. He closely follows new software technologies and innovations on the web.

Technical Skills

C#/Golang/C

ASP.NET Core(MVC, Razor, Web API, Blazor, gRPC)

HTML/JavaScript/NodeJS

Cryptography

Virtualization(VMWARE/HYPER-V)

Git/Azure Devops/Kubernetes/Docker

Windows/Linux

MSSQL/PostgreSQL/MongoDB

Experience

Agrio Finans

2023-12-01 - Present

Software Engineer

<https://agriofinans.com>

- Developed secure payment integrations and backend payment modules, while implementing and maintaining microservice architectures to enhance system scalability and reliability.

Research & Development Department PTT(Turkish Post)

2018-07-15 - 2023-10-15

Technical Manager & Software Architecture

<https://www.ptt.gov.tr>

- Research on several end-to-end encryption protocols (Signal, TreeKem, Art) for secure communication
- Research on biometric authentication in online banking applications

IT Department at PTT(Turkish Post)

2015-04-15 - 2018-07-15

Senior IT Administrator

- Part of the team that designed a secure IT infrastructure for PTT REM (Registered Electronic Mail) in line with ISO 27001 standards
- VmWare vSphere Administration(Infrastructure Installation && management)
- Linux System Administration
- Vulnerability and Patch Management for Linux Environments
- Middleware Management(Nginx, IIS)

PTTBank Department at PTT(Turkish Post)

2011-08-01 - 2015-04-15

Software Engineer

- Developed several software components in HGS (Fast Pass System/High-Speed Toll System) based on Vehicle Detection, Classification, RFID Tag Reading and License Plate Recognition
- Improved the performance of real-time HGS activity monitoring report and reduce the report response time
- Developed RESTful services for HGS Transition Violation and Balance Inquiry
- Worked alongside another developer to implement Web Services that enabled our postal and logistic services analytics team to increase reporting speed

Freelancer

2008-10-01 - 2011-01-01

Freelancer

- Developed several web applications with C# and ASP.NET

Education

Ahmet Yesevi University

2003-09-01T20:38:17.000Z - 2008-06-30T20:38:43.000Z

Computer Engineering

Bachelor of Science - BS

<https://www.yesevi.edu.tr>

Karadeniz Technical University

2009-01-15T21:42:53.000Z - 2012-06-30T20:43:00.000Z

Computer Engineering

Master of Science - MS

<https://www.ktu.edu.tr/>

Languages

Turkish

Native

English

Upper-intermediate

Russian

Upper-intermediate

References

Yasar TUNCEZ

Co-worker

Lead Engineer / ASELSAN INC. <https://www.linkedin.com/in/ya%C5%9Far-tun%C3%A7ez-47054239/>

Aydin ATALAY

Co-worker

Deputy Head of Turkish Post(PTT) IT Department <https://linkedin.com/in/aydin-atalay-28658b72>