

Hayri Durmaz

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ABOUT ME

Passionate Full Stack Software Engineer with a strong focus on Backend Technologies. Experienced in Agile environments, I thrive in team settings and am eager to learn new technologies.

WORK EXPERIENCE

Software Engineer

Aselsan A.Ş. [30/06/2019 – Current]

City: Ankara | Country: Türkiye

- Developed and maintained microservices for a Command and Control Project, improving system interoperability and scalability.
- Designed reusable tools and components, increasing inter-team reusability and reducing development time.
- Managed CI/CD pipelines with Azure DevOps.
- Deployed and configured offline environments for testing and integration.
- Collaborated in Agile Scrum teams, contributing to backend (Java, Spring Boot) and frontend (ReactJS) development.
- Participated in the **Multilateral Interoperability Programme (MIP)**, where I developed an integration module for the C4IES system, ensuring seamless communication and data exchange between systems.
- Led subcontractor management efforts, ensuring timely delivery of outsourced components.

Candidate Engineer

Aselsan A.Ş. [30/09/2018 – 30/06/2019]

City: Ankara

Mobile application developer

Olimpos A.Ş. [30/11/2018 – 30/04/2019]

City: Ankara | Country: Türkiye

Developed Android mobile applications for B2B handheld terminal software using React Native.

Internship

Otsimo A.Ş. [17/06/2018 – 30/08/2018]

City: Ankara | Country: Türkiye

Created an educational game for children with disabilities using ReactJS for the Otsimo mobile app.

Internship

Karmasis A.Ş. [31/05/2017 – 03/07/2017]

City: Ankara | Country: Türkiye

Evaluated RabbitMQ as a messaging queue alternative to Microsoft MSMQ for a cybersecurity project.

EDUCATION AND TRAINING

Master's Degree

Istanbul Technical University [09/02/2020 – 01/01/2024]

City: Istabul | Country: Türkiye | Field(s) of study: Deep Learning | Final grade: 4.00/3.31 | Thesis: Enhanced cyber-security using deep learning based behavioral biometrics for command and control applications.

Computer Engineering Bachelor's degree

TED University [31/08/2014 – 28/06/2019]

City: Ankara | Country: Türkiye | Field(s) of study: Computer Engineering | Final grade: 4.00/3.19

Scholarship: 100% Education grant,

Education Language: 100% English

LANGUAGE SKILLS

Mother tongue(s): Turkish

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming Languages

Java / Javascript & Typescript / Python / C# / Go / C/C++ / Sql / Nosql

Technologies & Frameworks

react / spring boot / .Net Mvc / react-native / unity / Tensorflow/keras / Pytorch / Apache kafka / Minio / Redis / Postg resql / mongodb / Keycloak

Operating Systems

Linux / Windows / Type 1 Virtualization / Proxmox

Software Engineering

Software architectures / Agile / Scrum / Waterfall / Git

CI/CD

Azure Devops / docker / kubernetes / Docker-compose / Helm / Nexus / Rancher

PUBLICATIONS

[2019]

Gamification-Based WEB Supported Anatomy Platform Development

Gamification-Based WEB Supported Anatomy Platform Development, TURKMIA2019 <https://turkmia.net/wp-content/uploads/2019/11/TURKMIA2019-Proceedings-V3.pdf>

[2023]

On the Improvements of Mouse Dynamics Based Continuous User Authentication

H. Durmaz and M. Keskinöz, "On the Improvements of Mouse Dynamics Based Continuous User Authentication," 2023 IEEE 24th International Conference on Information Reuse and Integration for Data Science (IRI), Bellevue, WA, USA, 2023, pp. 13-19, doi: 10.1109/IRI58017.2023.00010.

RECOMMENDATIONS

Name: Gizem Kayar | Assistant Professor

We worked on my senior thesis together

Email: gk2409@nyu.edu

Name: Tayfun Kucukyilmaz | Assistant Professor

University Lecturer

Email: kucukyilmaz@rsm.nl

Name: Elif Ceylan | Team Lead

She had been Team Lead of mine in Aselsan

Link: <https://www.linkedin.com/in/elif-ceylan-psm-pal-msc>

HONOURS AND AWARDS

Honours and awards

BILKENT - Mobile Application Deveopment Marathon, 3rd.

ASELSAN - Certificate of Appreciation – Awarded for volunteer contributions to the Software Development Metodologies Coordination Office.

Certificate of Participation – Exercise Eurasian Star (*Ex Eurasian Star*).

Certificate of Participation – Exercise Steadfast Jupiter (*Ex Steadfast Jupiter*).

Certificate of Participation – Exercise Steadfast Defender (*Ex Steadfast Defender*).