

ADEM ÇIRAK

Software Engineer

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EXPERIENCE

Vela A.S. - Full-stack Developer

January 2019 – Ongoing Remote

- Responsible for adding features and maintaining ameliyat.com.
- Developed a new mobile application Doctro.
- Created a doctor booking system with admin panel.
- Also created and maintained istanbulhukuk.com and zayifla.com.tr.

Trikod - Freelance Developer

January 2017 – January 2019 Mersin, Turkey

- Developed and maintained various web & e-commerce sites with my partners under the name of Trikod Company.
- Consultancy services.
- Developed REST API's, plugins and mobile applications for our customers.

Intertech - Backend Developer

September 2015 – January 2017 Istanbul, Turkey

- Developed new features and services for 'fastPay' and 'Deniz Kartım' applications.
- Integrated a mobile wallet SDK to 'Deniz Kartım' (Both client and backend).

Pinnera - Part-Time Junior Developer

January 2013 – May 2015 Istanbul, Turkey

- Created core features of Pinnera Analytics which is a business analytics desktop app for small business.
- Developed dashboards for customers.

EDUCATION

Mersin University - M.S. in Computer Science

Sept 2017 – Ongoing

Istanbul Technical University - B.S. in Computer Engineering

Sept 2010 – June 2015

CERTIFICATES

Turkcell Academy - Software Quality and Testing

February 2015

Turkcell Academy - Project Management

Sept 2014

ABOUT

I am an ambitious, innovative, hard-working full-stack software developer. I have got involved in diverse experience of creating multiple highly scalable applications using different tech stacks. I am also a highly collaborative team player who can easily understand complicated systems and find feasible solutions.

ENGINEERING SKILLS

- OOP and Design Patterns
- Problem solving, Bug Fixing & Troubleshooting
- Understanding Agile Development Methodologies
- Deep understanding on backend and front-end development
- High collaboration with team, managers and customers
- Love technical challenges and strive for continuous development and learning
- Experience with various DMBS

SKILLS

General: Web Development

Mobile Development RESTful Services

SOAP Git & Other VCSs

Micro Services

JavaScript: node.js hapi.js express.js

React.js & Redux React-Native

Java: Java Android SDK

Apache Spark Spring Boot

Database: SQL & PL/SQL MySQL

MSSQL Server MongoDB

Others: C++ C# & .net Framework

PHP HTML & CSS

LANGUAGES

Turkish (Native)
English (Advanced)



PROJECTS

ameliyat.com

- A PWA for contains information about diseases, surgeries and treatments.

bulmaca.io

- A PWA that automatically generates daily crossword puzzles and serves it online.

stephq

- Stephq is a basic mobile game I created just to get used to React-Native. [Android](#)

vitruta.com

- An e-commerce website. I have modified theme and developed various plugins for legal regulation and marketing integration.

Deniz Kartım

- While working for Intertech i was responsible for creating developing, backend and middleware for Deniz Kartım Mobile Application which is a campaign application for Denizbank. I also integrated a mobile wallet module to the application. [Android](#)

fastPay

- While working for Intertech I have developed various features for fastPay which is a mobile payment solution. [Android](#)

Pinnera Analytics

- While working for Pinnera I was responsible for developing some core features for Pinnera Analytics.

Bulmaca Sözlüğü

- bulmacasozlugu.net is a Turkish crossword puzzle dictionary. [Android](#)

PUBLICATIONS

Journal Articles

- Aci, Cigdem and Adem CIRAK (2019). "Türkçe Haber Metinlerinin Konvolüsyonel Sinir Ağları ve Word2Vec Kullanılarak Sınıflandırılması". In: *Bilişim Teknolojileri Dergisi* 12, pp. 219–228. ISSN: 1307-9697. DOI: [10.17671/gazibtd.457917](https://doi.org/10.17671/gazibtd.457917).

Conference Proceedings

- Aci, Cigdem, Sinem Seyrek, and Adem CIRAK (Sept. 2018). "A Score-Based Expert System Application for Paper-Reviewer Assignment Problem". In: pp. 1–5. DOI: [10.1109/IDAP.2018.8620885](https://doi.org/10.1109/IDAP.2018.8620885).

INTERESTS

Swimming, RTS and MOBA games, Digital Art, Music, Web Design, Social Media, Internet Memes.

And coding! Here is a list of hackathons I won while I was in university:

- Intel, Arçelik Ardiç Hackathon (2014): 1st position - Intelligent cloud based restaurant automation for new generation cash platform.
- Intertech Hackathon (2014) - 2nd position - An application finds the optimum point for mortgage credit.
- ITU IEEE Hackathon 2013 - 1st position -Best solution for nearest value from multiplication and division of given 6 numbers.