

# SAYGUN ICYUZ

## SENIOR SOFTWARE ENGINEER

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## EXPERIENCE

### Senior Backend Engineer / Team Lead

#### VNGRS

January 2016 – November 2020 Istanbul, Turkey

- Took a role in skilled scrum teams as a full-stack developer, back-end developer, and team lead.
- Gained wide and detailed knowledge about various domains, especially the VoD (Video on Demand) domain.
- Decision making for chosen technologies.
- Working in international and distributed teams.
- 5 years experience with consulting domain helped me to improve my communication skills.

### Co-founder

#### Ofisko

February 2014 – January 2016 Istanbul, Turkey

- Built start-up from scratch with a team of three.
- Took responsibilities in many various aspects of software development.
- Made a few contributions to open sources libraries those were mostly in the early stage for making progress in our development cycle

### Full-Stack Developer

#### Figensoft

July 2011 – January 2014 Istanbul, Turkey

- Gained experience with many different technologies including Microsoft and Android.
- Worked close to experienced and skilled developers.

## PROJECTS

### whatsneu.gg E-Commerce Platform

#### VNGRS

June 2020 - November 2020

- Took responsibility for the implementing backend components of the marketplace e-commerce platform.
- Increased my understanding of the requirements and needs of the e-commerce platforms.
- Whole stack was running on Firebase and coded with Typescript.
- Applied TDD and BDD practices. Full of backend features covered by integration and unit tests.

## OBJECTIVE

*"Find the community that provides a favorable environment to fulfill never-ending curiosity"*

## EDUCATION

### Dokuz Eylul University

BSc in Computer Science (CGPA:2.49/4.00)

Sept 2006 – June 2011

### Kemal Ataturk High School

Science and Math (Avg:92/100)

Sept 2002 – June 2006

## PROGRAMMING LANGUAGES

Ruby Javascript Java Rust  
T-SQL C#

## TECHNOLOGIES

Ruby on Rails Nodejs Typescript  
Emberjs Serverless Postgresql  
RSpec Redis Sidekiq AWS  
RabbitMQ Git WebSocket

## DEVELOPMENT CULTURE

Agile Clean Code OOP  
Domain Driven Design BDD SOLID

## LANGUAGES

Turkish Native ●●●●●  
English C1 ●●●●●

## Maf Properties Mobile App

### VNGRS

📅 March 2019 - March 2020

- Building serverless application that running on AWS Lambda.
  - Working in a distributed team which has members from different countries.
  - Using cutting-edge technologies leads me to spend much more time in the open-source community.
  - Designed an API that is fully configurable so same code base providing data for 3 different apps.
  - Gained better knowledge and understanding of Agile principles.
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## puhutv.com

### VNGRS

📅 January 2016 - March 2019

puhutv.com is an video-on-demand platform owned by Dogus Group, one of the biggest media conglomerates in Turkey, offers movies and series as well as original content. I was key member of back-end team and took team lead role during the last phase of the project. 2M registered users in first six months and 100K concurrent users during prime times.

- Designed architecture and implemented VoD domain platform.
  - Highly scalable and available API service backed by Ruby on Rails and Postgresql.
  - 2M registered users in first six month. 100K concurrent users.
  - Many microservices and internal applications coded with Nodejs.
  - Engaged process of breaking down a monolithic application into microservices. (Not completed due to the business decision)
  - Developed back-office web client application from scratch with Ember.js.
  - Used technologies: Ruby on Rails, Sidekiq, Nodejs, PostgreSQL, Redis, Emberjs, Fastly.
  - We started the process of applying CQRS & event sourcing pattern however never had a chance to finish.
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## Ofisko

### Manolin Inc.

📅 February 2014 – January 2016

- ofisko.com was a project management tool that aimed to accomplish simplicity and usability. Inspired by Basecamp, Trello, and many others.
  - Ruby on Rails back end service and a few Nodejs microservices served an API to the web and mobile clients.
  - Web client was SPA that is coded that coded with Emberjs.
  - Developed Android client with a full feature set.
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## FormMobil

### Figensoft

📅 July 2011 – January 2014

FormMobil is an online dynamic form builder application. It includes twenty pre-defined flexible and compact components. Mobile applications render forms those prepared on the web client and so collect data. Web client also has a dynamic reporting tool.

- Developed back-end and front-end applications by using .NET framework and C# language.
- Completely dynamic
- Developed the Android application that fetches and renders dynamic forms.
- Implemented flexible reporting.