Mustafa Simav

Software Developer

Education

2009-2017 (expected) | **Computer Engineering**; TOBB University of Economics and Technology (Ankara)

Experience

Jan 2014-Now

Backend Developer at VNGRS

As a backend developer, I work on various project and develop several RESTFUL APIs for both web applications and mobile applications in Agile teams that use Scrum framework.

Dec 2012-Apr 2013

Intern at Labris Teknoloji

As a system administrator, I enhance company's CentOS packages for network security device and I migrated whole system from CentOS 5 to CentOS 6.

Jan 2012-Apr 2012

Intern at Anel ARGE

As a developer, I learned how to develop Android applications and improved my programming skill in Java. I also learned basics of functional testing, bug reporting and project management.

Projects

Open Performance

Current Performance management solution to establish and communicate goals and tangible achievements

- Backend written in Scala
- Built with home-grown http framework
- Modernizing legacy code and improving performance while implementing new features

Pulse

Realtime data processing and visualization

- Backend written in Scala
- Built with Spray and Akka Reactive Streams
- Each data processing unit is a reactive stream, supervised by an actor in a Akka cluster for scalability and resilience

FitPartner

Mobile app for fitness tracking with a fitness partner

- Backend written in Ruby
- Built with Ruby on Rails

SOR'UN   Mobile platform for realtime chat with call center agents

- Written in Scala, built with Play Framework and akka
- Every entity designed as an Actor, communicating each other by message passing
- Client-Server communication over WebSockets
- Integrated with various call center solutions

Mana Health   Patient medical data aggregator

- Worked as Java developer on existing project
- Measured causes of poor performance in the system and optimized them
- Designed new system by separating components hence different components could scale separately for different scalability needs

Modiverse   A SAAS platform for remote android device management

- Written in Scala
- Built with Play Framework

Enforce   Mobile app to report urban problems to municipalities

- Developed Android application
- Contestant of Google's Social Entrepreneurship Hackathon

Certifications

- AWS Certified Solutions Architect Associate - *May 2016 – May 2018*
- Principles of Reactive Programming - *January 2014*
- Functional Programming Principles in Scala - *December 2012*

Technichal Skills

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Scala • Ruby • Java • Python
Play Framework • akka • spray.io • Ruby on Rails
PostgreSQL • MySQL • Cassandra • redis
sbt • jenkins • git
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Language Skills

- Turkish (native speaker)
- English (fluent)