

# Utku Turunç

SOFTWARE ENGINEER · ELECTRONICS ENGINEER

Berlin/Germany

☎ (+49) 176 76494837 | ✉ utku@turunc.me | 🌐 utku.turunc.me | 📱 utkuturunc | 📺 utkuturunc

## Summary

Software Engineer with system design and leading experience, entrepreneur, creator of pet projects, freelancer

I enjoy creating value with software. I believe a good engineer must be a part of the entire process of creating software, including high level concept work, detailed technical design, implementation, deployment and maintenance. I strive to increase my existing experience on all of these fronts.

I do not have any preference between languages, components (backend/frontend) or technologies. I enjoy solving problems no matter where they are. I am always open to learning new technologies that can bring value to the project and myself.

My experience mainly consists of but not limited to high level project design, technical concept design, setting up Kubernetes clusters, creating backends using Kotlin, Typescript (NodeJS/Express), Python (Flask) and creating frontends using Typescript (React).

I am open for freelance projects where I can design, create and support solutions. I especially enjoy working with start-ups.

## Work Experience

### Entrepreneur First

Berlin, Germany

ENTREPRENEUR IN RESIDENCE

Apr. 2022 - Jul. 2022

- Worked on customer discovery for multiple business ideas.
- Created an MVP for a potential business.

### \_blaenk GmbH.

Berlin, Germany

SOFTWARE ENGINEER

May. 2021 - Apr. 2022

- Implemented kubernetes cluster.
- Designed the backend and the frontend architecture with the team.
- Created a data warehouse and a social shopping app.

### Zalando SE

Berlin, Germany

SOFTWARE ENGINEER

Feb. 2019 - Apr. 2021

- Designed and built a printing system architecture in microservices.
- Worked with Scala and Kotlin to develop logistics applications.

### McMakler GmbH.

Berlin, Germany

SOFTWARE ENGINEER

Aug. 2018 - Feb. 2019

- Worked as a NodeJS backend engineer for in house CRM system.

### Valensas

Istanbul, Turkey

SOFTWARE ENGINEER

Jul. 2016 - Jul. 2018

- Lead small to medium sized projects, managing communications with product and engineering teams of customers.
- Worked for a large scale banking project, designing and developing microservices
- Designed a chatbot framework that integrate with other web services and use machine learning and natural language processing.

### Freelance

Istanbul, Turkey / Berlin, Germany

SOFTWARE ENGINEER (BACKEND/FRONTEND/DEVOPS)

Jan. 2013 - Present

- Offered services that cover the entire product pipeline, including design, management, implementation, infrastructure and deployment of projects.
- Designed and developed: a directory of blogs webpage, truck rental and route planning app, motorcycle renting and tour reservation app, college book sharing app, donation page for a non-profit, chat based party game, online realtime fitness app.

## Skills

### Programming - Strong

Scala, Typescript, JavaScript, NodeJS, Kotlin, Python

### Programming - Familiar

Go, Java, Spark, CoreNLP, Machine Learning, Natural Language Processing

### Web Development

React, NextJS, GraphQL, Express, Flask, Ktor, Play, Akka, HTML5, CSS, REST

### DevOPS

AWS, Google Cloud Engine, Docker, Terraform, Kubernetes, Linux, Microservices

### Database/Cache

Redis, PostgreSQL, MongoDB, MySQL, Firestore

## Presentations

---

### Turkey Artificial Intelligence Initiative (turkiye.ai)

*Istanbul, Turkey*

PRESENTER FOR VALENSAS

*Oct. 2017*

- A talk about the usage of artificial intelligence in our projects

## Education

---

### İTÜ (Istanbul Technical University) (3.95/4)

*Istanbul, Turkey*

B.S. IN ELECTRONICS AND COMMUNICATION ENGINEERING

*Sep. 2012 - Jun. 2013*

- Transferred to Boğaziçi University at the end of the first year

### Boğaziçi University (3.24/4)

*Istanbul, Turkey*

B.S. IN ELECTRICAL AND ELECTRONICS ENGINEERING

*Sep. 2013 - Jun. 2016*

- Completed electronics specialization
- Grade is not inclusive of first year

## Projects

---

### Social Shopping App

*Berlin, Germany*

SOFTWARE ENGINEER - \_BLAENK GMBH.

*May. 2021 - Apr. 2022*

- Full-stack design and development of a social shopping app

### Logistics Printing System

*Berlin, Germany*

SOFTWARE ENGINEER - ZALANDO SE

*Feb. 2019 - Apr. 2021*

- Design and development of a large scale printing solution for logistics

### Real Estate CRM System

*Berlin, Germany*

SOFTWARE ENGINEER - MCMAKLER GMBH.

*Aug. 2018 - Feb. 2019*

- Development and maintenance of microservices powering Immoforce, an internal CRM system for the company.

### Tosla - P2P Banking Application by Akbank

*Istanbul, Turkey*

SOFTWARE ENGINEER - VALENSAS

*Feb. 2018 - Jul. 2018*

- Developed several microservices, namely core banking and social feeds for a modern peer to peer banking application
- Set up Kubernetes configurations and deployment pipelines.
- Project uses Spring Boot and Hibernate for core banking, Scala (Akka) for social feeds

### Valensas VoT

*Istanbul, Turkey*

SOFTWARE ENGINEER - VALENSAS

*Jul. 2016 - Mar. 2018*

- Valensas VoT is a complete customizable chatbot solution that includes conversation management, natural language processing in English and Turkish, machine learning and scheduled tasks.
- Designed and developed the framework for this project that was used in several other projects.

### Akbank Assistant - Akbank Chatbot

*Istanbul, Turkey*

SOFTWARE ENGINEER - VALENSAS

*Sep. 2017 - May. 2018*

- Developed a chatbot for Akbank which can be used to transfer money and pay invoices, one of the largest banks in Turkey.
- The project was written as microservices in TypeScript and Scala (Play Framework, Spark and CoreNLP) and deployed to Akbank datacenters on Linux.
- Project has been released with a TV commercial and printed press coverage.

### Boti - Turkish Airlines Chatbot

*Istanbul, Turkey*

SOFTWARE ENGINEER - VALENSAS

*Feb. 2017 - Sep. 2017*

- Developed a chatbot for Turkish Airlines, a star alliance member and flag carrier airline of Turkey. The bot can be used to buy tickets, select seats, check-in, query flight statuses and more.
- The project was written as 4 microservices in TypeScript and Scala (Play Framework, Spark and CoreNLP) and deployed to AWS.

### Hepsichat - Hepsiburada Chatbot

*Istanbul, Turkey*

SOFTWARE ENGINEER - VALENSAS

*Nov. 2016 - Feb. 2017*

- Developed a customer support chatbot for the largest e-commerce platform in Turkey, Hepsiburada.
- The chatbot greets users, collects information and solves specific issues, if it cannot resolve the issue it redirects the users to human agents, saving time and resources.
- The project was written in TypeScript and Scala (Play Framework, Spark and CoreNLP) and deployed to AWS Lambda.