

# Muhammed Olcay **TERCANLI**

SOFTWARE ENGINEER

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## Summary

Currently, Software Engineer at start-up company named Urla Digital Agriculture. **3+ years** experience specialising in the **full stack development**, **automation** and **control** of computational units. A being who loves \*nix based environments and enjoys to customise all of the development environment. Interested in devising a better **problem-solving methods** for challenging tasks, and **learning new technologies** and **tools** for fun.

## Skills

**Programming** Python, JavaScript, Java, Scala  
**Web** Django, Vue.js, React, Play, Flask, Spring  
**Others** Docker, GCP, AWS, Bash, Jenkins  
**Languages** Turkish, English

## Work Experience

### Urla Digital Agriculture

Urla, İzmir, TURKEY

SOFTWARE ENGINEER

June 2020 - Present

- Developed a software for IoT devices that automate the controlled-environment agriculture
- Tech stack:** Python, MySQL, Docker, Amazon Web Services (like Lambda, SQS, SNS, DynamoDB, CloudWatch, S3, SES)
- Developed a dashboard to configure, update, and control IoT devices remotely
- Tech stack:** Django(Python), MySQL, SQLite, Docker

### Linovi

Urla, İzmir, TURKEY

SOFTWARE ENGINEER

December 2017 - June 2020

- Developed and maintained web services that serve as chat bots (Jira, Asana, GitHub, Zendesk, Salesforce, Pagerduty) for Google Chat
- Tech stack:** Play(Scala), React(Javascript), MySQL, Redis, Jenkins, Google Cloud Platform (like AppEngine, Compute Engine, Big Query, Cloud SQL, Cloud Pub/Sub, Stackdriver)
- Developed a dashboard for an autonomous driving software company
- Tech stack:** Vert.x(Java), React(JavaScript), Amazon Web Services
- Contributed a Software as a Service called Asena for an information security firm
- Tech stack:** Spring(Java), Angular.js(JavaScript), Flask(Python), Redmine

## Projects

### pyctx / django-pyctx

CORE MEMBER

- pyctx:** Context package to pass data between function calls, use timers and log it. See more at <https://github.com/molcay/pyctx>
- django-pyctx:** A django package to wrap pyctx and supply a middleware to trace and log incoming request and its flow. See more at <https://github.com/molcay/django-pyctx>

### menusiparis.com

CORE MEMBER

WIP

- A Website to get order from user with QR codes for restaurant, cafe. You can visit the website: <https://menusiparis.com>
- Tech stack:** Django(Python), PostgreSQL

### eczasis.com

BACKEND & MOBILE

WIP

- A Web application to manage pharmacy stocks. You can visit the website: <https://eczasis.com>
- Tech stack:** Django(Python), PostgreSQL, Kotlin(Android)

### algari.com

CORE MEMBER

Canceled

- An e-commerce platform for Mugla Chamber of Commerce and Industry
- Tech stack:** Django(Python), PostgreSQL

## Rate'mall

CORE MEMBER

Muğla, Turkey

Senior Design Project

- A global rating system for websites and users those want to create polls about anything. The system uses Elo Rating System to compare things.
- **Tech stack:** Django(Python), PostgreSQL

## Education

### Muğla Sıtkı Koçman University

COMPUTER ENGINEERING

Muğla, TURKEY

September 2012 - June 2017

- Rate'mall (Senior Design Project) for details please see section **Projects**
- **GPA:** 3.52 / 4.00

## Extracurricular

### COURSES

2016, Nov **Entrepreneurship Course**, TÜBİTAK

Muğla, TURKEY

2016, Feb **Web Development with Django**, AB2016

Aydın, TURKEY

### COMPETITIONS

2017 **KYK Siber Beyin Arıyor**, 6th placed

Ankara, TURKEY

## Certificates & Communities

### CERTIFICATES

2017, Feb **Entrepreneurship Certificate**, TÜBİTAK

Muğla, TURKEY

2017, Jan **CCNA R&S: Routing and Switching Essentials**, Cisco Networking Academy

2016, Feb **Web Development with Django**, AB2016

Aydın, TURKEY

2016, Jan **CCNA R&S: Introduction to Networks**, Cisco Networking Academy

2015, Dec **Introduction to Cybersecurity**, Cisco Networking Academy

### COMMUNITIES

**Computer and Information Technology Community**, MSKU

Muğla, TURKEY