

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