

# ABDULLAH OZER

## TEST AUTOMATION ENGINEER

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### WORK EXPERIENCE

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#### 6WIND

Paris, France

*Test Automation Engineer (3 years)*

*Aug 2021 – Ongoing, Full-time*

- Designed and implemented Python-based test automation framework for network software validation, significantly improving test coverage and reliability.
- Developed complex test scenarios simulating client infrastructures involving advanced networking protocols including IPsec, MPLS, BGP, VLAN, VXLAN, and GRE.
- Created and maintained automated performance testing suites to validate network KPIs including throughput, latency, and packet processing capabilities.
- Implemented CI/CD pipelines and developed custom testing tools using Python to streamline the testing process.

#### STMicronics

Grenoble, France

*Test Development Engineer (2 years)*

*Aug 2019 – Aug 2021, Full-time*

- Developed Python-based test automation tools for RF component validation, integrating with various signal measurement equipment.
- Created automated test scripts for hardware validation and performance testing.
- Implemented custom Python libraries for test equipment control and data analysis.

#### Airties Wireless Networks

Istanbul, Türkiye

*Test Engineer (2 years)*

*Feb 2016 – Feb 2018, Full-time*

- Engineered automated testing solutions using Python for network device testing.
- Developed automation tools for hardware control including automated charging stations and smart testing platforms.
- Created Python scripts for automated regression testing and performance validation.

### SKILLS

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**Programming Languages:** Python 3.6+, JavaScript (ES6), TypeScript, Bash, HTML 5, CSS 3, PostgreSQL

**Python Development:** Django, Django REST Framework, unittest

**Networking Protocols:** IPsec, MPLS, BGP, VLAN, VXLAN, GRE, TCP/IP

**Testing Tools:** Python Test Frameworks, Network Analyzers, CI/CD Tools

**Languages:** English (full proficiency), French (full proficiency), Turkish (native)

### EDUCATION

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#### ESIGELEC

Rouen, France

*Master of Science – Major: Embedding Electronic Systems*

*Feb 2018 – Aug 2019*

#### Bogazici University

Istanbul, Türkiye

*Bachelors – Major: Electric and Electronics Engineering*

*Feb 2011 – Aug 2016*

### PROJECTS

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#### Network Protocol Testing Framework | Python, PostgreSQL

- Developed a comprehensive Python-based framework for testing complex networking protocols and scenarios.
- Implemented automated test suites for validating IPsec tunnels, MPLS paths, and BGP routing configurations.
- Created custom reporting and analysis tools using PostgreSQL for test results management.

#### Automated Test Infrastructure | Python, Bash

- Built automated testing infrastructure for network performance validation.
- Developed Python scripts for test environment setup and tear-down automation.
- Created monitoring and logging systems for long-running test suites.