

ETHEM AGCA

COMPUTER ENGINEERING



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portfolio

During my university studies, I focused on software development, data structures, and algorithms, while independently exploring mobile app design, test automation, and SAP. I'm now building experience in QA through research, courses, and projects. My passion for learning, results-driven mindset, and ability to adapt quickly help me excel in dynamic tech environments. I thrive on challenges, always eager to contribute meaningfully to development teams and exceed expectations.

EDUCATION

Computer Engineering

Aug 2020 - Jun 2025

Mersin University

PROFESSIONAL EXPERIENCE

QA Tester-Test Automation (Intern)

Jun 2024 - Aug 2024

Jotform, Istanbul

- During my internship at Jotform, I focused on enhancing the reliability and efficiency of the payment systems through various testing strategies. My key responsibilities included:
- Payment Testing: Conducted comprehensive tests on payment systems, ensuring the seamless processing of transactions and detecting potential issues before they affected users.
- API Testing: Performed thorough API tests to verify the integrity and functionality of Jotform's APIs, identifying and resolving bugs to maintain high service standards.
- Automation Scripting: Developed and executed automation scripts to streamline repetitive testing processes, significantly improving the speed and accuracy of test cycles.
- Collaborative Development: Worked closely with the development and QA teams to create test cases and scenarios, contributing to a more robust software development lifecycle.

Full Stack Software Development Engineer in Test (Intern)

Dec 2023 - Jun 2024

Vega Software, Mersin

- During my part-time job at Vega Software, I focused on improving the reliability and efficiency of website systems through various testing strategies. My primary responsibilities included:
- API Testing: Extensive API testing was performed to verify the integrity and functionality of Vega Software APIs, identify and resolve errors to maintain high service standards.

Full Stack Software Development Engineer in Test (Intern)

May 2023 - Nov 2023

MERSYS LLC, Paramus, NJ, USA

- Automated Testing: Leveraged Selenium WebDriver to automate the testing of web applications, enhancing efficiency and accuracy in the testing process.
- Behavior Driven Development: Implemented BDD principles with Cucumber, fostering better communication and collaboration among team members and stakeholders.
- API Testing: Developed and executed comprehensive test cases using Postman to validate RESTful API endpoints, ensuring robust functionality and performance.
- Version Control and Collaboration: Utilized Git and GitHub for effective version control, branching, and collaborative development, contributing to a streamlined workflow.
- Agile Participation: Actively participated in Scrum ceremonies as a member of the development team, including daily stand-ups, sprint planning, sprint reviews, demo meetings, and retrospectives, ensuring continuous improvement and team alignment.
- Jira Management: Utilized Jira for tracking project tasks, managing sprints, and reporting issues, enhancing project visibility and team productivity.
- Test Training: Completed formal training in software testing, gaining in-depth knowledge of testing methodologies, tools, and best practices, further enhancing my testing capabilities.

ADDITIONAL INFORMATION

LANGUAGES:

- English.

CERTIFICATIONS:

- **Understanding the Enterprise Systems Environment SAP**
Coursera Course Certificate
- **Core Java Programming Course**
Core Java Programming Course Techno Study (116 Village Blvd, Princeton, NJ, 08540 United States of America) Nov 2023
- **Test Management Program**
Core Java Programming Course Techno Study (116 Village Blvd, Princeton, NJ, 08540 United States of America) Nov 2023
- **QA (Test)**
Core Java Programming Course Techno Study (116 Village Blvd, Princeton, NJ, 08540 United States of America) Nov 2023
- **ABAP for SAP Users**
LinkedIn Learning Certificate of Completion
- **SAP Professional Fundamentals**
Coursera Course Certificate

PROJECT:

- **TUBITAK- 2209-A - University Students Research Projects Support Program**
Mobile Application Providing Content Information and Comprehensibility in Food and Cosmetic Products
- **PHP-Laravel**
Web application that tracks company, branch and warehouse supply products within the company and tracks people within the company.

PUBLICATIONS:

- **4th International Conference on Scientific and Academic Research**
ICSAR 2024

AREA OF EXPERTISE

- | | | | | |
|---------------|---------------|-------------------|------------|--------------|
| • FLUTTER | • PHP-Laravel | • SELENIUM | • CUCUMBER | • APACHE POI |
| • JAVA | • UNITY | • TESTNG | • JIRA | • POSTMAN |
| • SQL | • SAP ABAP | • SAP ERP Modules | | |
| • RESTful API | • SAP Fiori | | | |