
TALENTPROFILE



Personal Information

Name: Barış GÜL
Date of Birth: 1990
Nationality: Turkish
Marital Status: Single
Availability: Immediately
Driving License: B, A2

Professional Focus

Software Test Automation, DevOps Principles, Software Development in Test, Agile, CMS -Content Management System (WordPress), System and Network (Basic), Clean Code and SOLID Principles

Educational Background

Master Degree

02.2016 – Present: Management Engineering, Bahçeşehir University, İstanbul, Turkey

Bachelor

09.2009 – 01.2014 Computer Engineering, Namık Kemal University, Tekirdağ, Turkey
GPA: 2.96 / 4.00

Language

Turkish: Native Speaker
English: Upper Intermediate
German: Basic (A 2) - Certificated

Communications

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Work Experience

04.2015 – Present: Software Test Automation Engineer/Specialist, Intertech Information Technologies (A Branch of Denizbank), İstanbul, Turkey

- Focused on development in Test and DevOps process on Core Banking, Web Based Banking Solutions, Mobile Payment and Banking Applications and ATM simulators at [Intertech Information Technologies](#).

03.2014 – 03.2014: Software Test Engineer, Keytorc Software Testing Services, İstanbul, Turkey

- Focused on Software Tests and Analysis at [YapıKredi Bankası](#)

08.2013 – 10.2013: Software Developer Intern, SLC Internet Solutions, Istanbul, Turkey

- Focused on Web Projects as Junior Web Programmer in IT Department of "[SLC Technologies](#)".

06.2013 – 08.2013: Software Developer Intern, [Sultangazi Belediye Başkanlığı](#), Istanbul, Turkey

- Focused on System Support Department projects , preparing test scenarios for the hardware, testing, etc...

06.2011 – 10.2011: Junior Web Programmer Intern, [Sistematik Yazılım Bilişim](#), Istanbul, Turkey

- Focused on Web Projects as Junior Web Programmer in IT Department of "Sistematik Technologies".

Skills - Projects - Certificates

- **Operating Systems**

GNU / Linux	Intermediate
Windows	Advanced
Mac OSX	Intermediate

- **Languages**

C	Advanced
Java SE	Advanced
Java EE	Basic
JSP	Intermediate
JSF	Beginner
Scheme	Intermediate
C#	Advanced
JavaScript	Basic
PHP	Intermediate
HTML	Advanced
Android	Basic

- **Software**

Java, C#, PHP, MySQL, PL-SQL, WordPress, Joomla, Android, JavaScript, C, JQuery, AngularJS (basic)

- **Frameworks**

Symphony, CSS, AJAX, JSPI, Junit, TestNG, Maven, NUnit, Specflow, Cucumber

- **Concepts**

DevOps, CI/CD, Analysis, Software Test Automation, Requirement Analysis, Project Management, Agile Concept, Kanban Concept, Multithreading, Programming, OOP & Design Patterns, Functional Programming, Services Tests, Integration Tests, Unit Tests, BDD, TDD, Clean Code, SOLID principles, Page Object Model (POM), Version Control with Git, Tfs

- **Tools**

Eclipse, Soap UI, Postman, Netbeans, Toad, Visual Studio, Android Studio, IntelliJ IDEA, MS Visio, Power Designer, Excel, Word, PowerPoint, UML, MSSQL Server, MySQL Workbench, Navicat, PHP MyAdmin, Jenkins, Jira, Confluence, Jira Test Manager, HP UFT, SonarQube, Kibana, Docker, Tfs, Git etc.

- **Projects**

Work Projects (Intertech): Software Test Automation

- New transformation in DevOps with Microservice Architecture in Azure DevOps cloud environment. Currently we develop a demo project with microservice architecture with two teams consisting of Microsoft Global and Intertech guys. The project proceeds with agile software development methodology in the Azure DevOps cloud environment. Me and a developer from the Microsoft team are responsible for integration, API, performance testing and automation processes in the project. Also we are responsible for test methodologies and project structure in cloud for CI/CD pipeline.
- Developing tests in Visual Studio with C# and Selenium Framework on corporate web and core banking applications for different banking projects. In this topic I have been a part of below project(s) as software developer and test automation specialist.
 - Test Automation Framework: We have developed a framework on Selenium infrastructure in C# with Visual Studio that support multiple browsers on web and desktop applications based on Page Object Model (POM) within the scope of the DevOps Transformation Project. We also moved framework to Java platform for mobile application support. Developers can develop their own tests thanks to the framework. We have designed this automation software in BDD concepts for help to business users and business analysts. Framework was made independent of technology, so we wrapped technologies from framework. So, test developers can develop their tests independently of infrastructure-related improvements.

We used the following technologies in the framework infrastructure:

 - Selenium: For testing Web Components and applications
 - Appium: For testing mobile applications in android and ios
 - Winium: For testing Desktop, Wpf, ActiceX components and applications like adobe, excel files
 - WinAppDriver: For testing Desktop, Wpf and ActiceX components and applications for more efficiency, based on appium remotewebdriver
 - Specflow: For develop behavioral test scenarios in BDD concepts
 - Cucumber: For develop behavioral test scenarios in BDD concepts (on mobile framework)
 - Selenium Grid: For manage parallel execution
 - NUnit: For develop and running tests in Visual Studio
 - Dapper: Orm for data management in automation tool
 - Sql Mapper: Orm for data management in automation tool (on mobile framwork)
 - Log4Net : For logging of each transaction
 - Rhino Mocks: For mocking in unit tests
 - Test Case Synchronizer: In this application, test developers can store their specflow test scenarios in MTM (Microsoft Test Manager) or JTM (Jira Test Manager). Synchronizer can update, delete, put or post the scnearios from local, Tfs collection or excel to JTM/MTM with Rest Api and TFS Api. Thus, the test scenarios in the code are kept up-to-date in a second environment like JTM or MTM. Also, the sychronizer provides two-sided feed of test cases between JTM and MTM
 - Jenkins Integrations: In CI/CD pipeline we have integrated our processes, thus all operational works have been automated.

- Extension Development: I have developed many extensions for creating test projects from templates. These extensions are developed with the Microsoft VSIX engine. With these extensions, developers were able to create UI, Service and Integration test projects in accordance with standart templates.
- SonarQube Reporter: We have developed a project that periodically feed the team's metrics to PowerBI report tool on the SonarQube. So the teams can follow the process of code analysis progress and improvement
- Unit Test Benchmark: In this process i am working on different unit test mock framework to determine the best for our solutions. These frameworks are RhinoMock, Moq, Nsubstitute and Fake It Easy. After my benchmark reports, we decided to use Nsubstitute in .Net Standart Framework applications, Moq in .NetCore applicaitons.
- Scripting tests in HP UFT Test Automation Tool with VB Script on corporate banking for DenizBank banking applications.
- Scripting tests in HP UFT Automation Tool with VB Script on internet banking for DenizBank (Retail and Corporate Internet Banking)
- Scripting tests in Eclipse using TestNG Automaiton framework with Enretprise Java for mobile banking applications on different Operating Systems and devices which are Android, IOS and WindowsPhone. These Applications;
 - MobilDeniz Corporate Mobile Banking Application on Android devices
 - MobilDeniz Corporate Mobile Banking Application on IOS devices
 - MobilDeniz Corporate Mobile Banking Application on WindowsPhone devices (These applications have scripted with SeeTest Automation Tool on Eclipse using Java with Maven Framework)
- Scripting tests in Eclipse using Maven in Page Object Model (POM) structure, TestNG framework and Appium Test Automation Tool with Java for mobile payment application on different Operating Systems and devices which are Android, IOS and WindowsPhone. These Applications;
 - fastPay Mobile Payment Application on Android devices
 - fastPay Mobile Payment Application on IOS devices
 - fastPay Mobile Payment Application on WindowsPhone devices (These applications have scripted with SeeTest Automation Tool on Eclipse with Java)

Graduation Project (University): Diabetes Diagnosis with Machine Learning Technologies

(Comparison algorithms, Finding high estimate etc.) - 2013

Web Projects: Corporate Web Projects

Website: <http://www.kontsis.com/> Kontsis Elektronik Ölçüm Teknolojileri ve Otomasyon Sis.

Website: <http://www.standartrakor.com/> Standart Rakor Otomotiv İmalat Ltd. Şti.

Website: <http://www.erenendustri.com/> Eren Endustri İthalat İhracat San. Ve Tic. Ltd. Şti.

Website: <http://www.redmimarlik.com/> Red Mimarlık

Term Project: Course Automation System (CAS)

I developed a desktop application CAS (Course Automation System) for a course with C#-SQL Server 2010 Technologies. - 2013

Graduation Project (Wissen Akademie - 2014) : Cinema Automation System

I developed an Automation System for cinema tickets . I use Java with MySQL technologies in project, by the way, it works with a barcode scanner. - 2014

Trainings

06.2019	AZ-100: Microsoft Azure Infrastructure and Deployment – Microsoft Turkey <ul style="list-style-type: none">Course content could be reviewed from https://www.microsoft.com/en-us/learning/exam-az-100.aspx
06.2019	AZ-400: Microsoft Azure DevOps Solutions – Microsoft Turkey <ul style="list-style-type: none">Course content could be reviewed from https://www.microsoft.com/en-us/learning/exam-az-400.aspx
10.2013 - 02.2014	GFN & Bahçeşehir University Wissen Akademie Java Programming Expertise (600 Hours) <ul style="list-style-type: none">Introduction to JAVA programmingSoftware programming FundamentalsObject Oriented Programming with JAVADesktop Applications using SWINGT-SQLMicrosoft SQL Server 2008Accessing Databases using JDBCNetworkingMultithreadingBasic HTML&CSSJava AppletsAjaxAndroid (80 Hours)Technical German (A-2)Career Education
08.2014	ISTQB Foundation Level Certificate by Keytorc Software Testing Services
2017-2018	Intertech In-House Trainings <ul style="list-style-type: none">Core BankingUser Experience (UX)Project ManagementDebuggingClean Code PrinciplesSingle Code Base PrinciplesDesign PatternsDevOps Principles

Certificates

- GFN & Bahçeşehir University Wissen Akademie Java Programming Expertise Certificate
- GFN Expert in Java Programming Zertifikat
- İŞKUR & Bahçeşehir University Advanced Java Programming Language Certificate
- A2 German Language Certificate by [Telc](#)
- [ISTQB](#) (International Software Testing Qualifications Board) Foundation Level Certificate

Interests

Inline Skating, Cinema, Martial Arts, Chess, Technology, Games, Swim, Books

References

Will be provided upon a request.