



HALIL TEKIN

Software Developer

CONTACT

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📍 Istanbul-Ankara

PROFESSIONAL SUMMARY

Software Developer with 5 years of experience in testing web-based and client/server applications. Skilled in Agile Scrum and familiar with Waterfall methodologies. Proficient in designing, developing, and maintaining test environments for UI, database, and API testing. Expertise in SDLC, STLC, and defect lifecycles. Created and executed test scripts using behavior-driven and data-driven methodologies. Advanced knowledge of core programming concepts and automation frameworks. Experienced in continuous integration and version control. Strong skills in relational database and API testing.

EDUCATION

- Ecole42 | Paris
Bachelor's Degree / Computer Engineering
- Karamanoglu University
Associate Degree / Computer Programming

LANGUAGES

Turkish: Native
English: Fluent

WORK EXPERIENCE

Backend Development and Testing

Powersarj

June 2025 - Present

- Ensured the smooth integration and functioning of the front-end and back-end of the application.
- Designed, developed, and maintained a robust test automation framework using **Java**, **Selenium**, and **Cucumber** to validate user stories and system requirements.
- Conducted both automated and manual testing to ensure the quality and reliability of the application.
- Utilized **Maven** as a project management tool to manage dependencies and streamline the testing process.
- Applied **JIRA** for efficient issue tracking, defect management, and test case management.
- Configured **Jenkins** for continuous integration, enabling automated build and test execution.
- Operated **GitHub** for version control and efficient collaboration with the development team.
- Leveraged **SQL** for database validation and testing, while utilizing **JDBC** for seamless database connectivity in test scripts.

Fullstack Development and Unit Testing

Toptal

February 2020 - Present

- Analyzed manual test cases and automated them using the **Page Object Model (POM)** and **Behavior-Driven Development (BDD)** approach with **Gherkin** syntax.
- Developed and maintained the automation framework to efficiently detect defects and improve product quality.
- Created and executed regression test suites, including daily smoke tests, to ensure the stability of the web application.
- Formulated and maintained **Data-Driven** and **Behavior-Driven** frameworks using **Java**, **Selenium**, **Cucumber**, **Maven**, **JUnit**, **Jenkins**, and **Rest Assured** for API testing.
- Automated test scripts to enhance testing efficiency and utilized tools such as **Postman** for API validation and debugging.
- **MERN Stack Development**

TECHNICAL TOOLS

- **Languages:** Java, SQL, NoSQL, Javascript, Golang, C, Python
- **Automation Tools:** Selenium WebDriver, REST-Assured, JDBC, Jenkins
- **Testing Frameworks:** Cucumber, TestNG, Junit, Behavior Driven Development (BDD), Data-Driven Development (DDD), Test-Driven Development (TDD), Data-Driven Testing (DDT)
- **Testing Types and Skills:** Manual Testing, Automated Testing, Smoke Testing, Regression Testing, Functional Testing, Back-End Testing, Test Plans, Cross Browser
- **Platforms:** Windows, Mac
- **Bug Tracking Tools:** JIRA
- **Project Building Tools:** Maven, Page Object Model (POM)
- **Version Control System:** Git, GitHub
- **IDE/Databases:** Eclipse, Postman, MySQL Workbench
- **Methodologies:** Agile (Scrum), Waterfall