

Defne Tekyigit

Software Engineering Student | Third year

İzmir Türkiye

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[GitHub] <https://github.com/defnetekyigit>

EDUCATION

09.2022-	Yasar University - Software Engineering (Third year)	3.23/4.00	İzmir, Türkiye
09.2017-06.2022	Karşıyaka Cihat Kora Anatolian High School (+1 year English Preparatory Class)	94.8/100	İzmir, Türkiye

EXPERIENCE

Software Engineering Intern

LITUM – İzmir, Türkiye | 07.07.2024 - 01.08.2024

- Developed a TCP Client-Server project using .NET & C#.
- Researched & compared database systems: Prometheus, MSSQL, MongoDB, Elasticsearch.
- Optimized data management and performance monitoring.

PROJECTS

Portfolio Website (Personal Projects)

- Showcases my Java applications, early-stage Android Studio & Unity projects and software engineering projects.
- Designed with HTML, CSS, JavaScript, and deployed via GitHub Pages.
[Portfolio Website] <https://defnetekyigit.github.io/my-portfolio-site>

Task Planner Application

- Developed a Java-based desktop task planner with a GUI using MVC architecture.
- Implemented Observer, Strategy, Composite, and Decorator design patterns.
- Integrated MySQL database for task management (add, edit, delete with real-time updates).
[GitHub Repository] <https://github.com/defnetekyigit/Task-Planner>

Favorite Sites Application

- Developed a Java-based desktop application for tracking and sharing visited locations.
- Designed a user-friendly GUI with CRUD operations (add, edit, delete) and advanced filtering features.
- Implemented MySQL database integration for storing user visits and shared locations.
- Applied software engineering principles with detailed SRS documentation (20 pages)
[GitHub Repository] <https://github.com/defnetekyigit/Favorite-Sites-App>

Software Testing Project

- Conducted software testing for an online phone accessories store.
- Performed unit, integration, and user testing using Java & JUnit, applying boundary value analysis, equivalence partitioning, use case testing, and decision tables.
- Automated UI testing for login and search functionalities using Selenium WebDriver.
- Delivered a comprehensive test plan, test case tables, user testing videos, and a test completion report.
[GitHub Repository] <https://github.com/defnetekyigit/Online-Store-Testing>

SKILLS

Programming Languages: Java, C++, C#

Databases: MySQL

Software Testing: JUnit (Unit Testing), Selenium WebDriver (UI Test Automation)

Tools & IDEs: IntelliJ IDEA, Visual Studio, Android Studio, Unity

Version Control: Git & GitHub

Soft Skills: Teamwork, Communication, Problem-Solving, Adaptability

LANGUAGES

ENGLISH – B2 Passed English Prep Year at Yaşar University | TURKISH - Native