

TIMUR CELIK

Software Engineer

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Fully Work Authorized • No Visa Sponsorship Required

TECHNICAL SKILLS

Technologies: CSS3, Flask, GraphQL, HTML5, Java, JavaScript, PostgreSQL, Python, React, MongoDB, MySQL, NodeJS

Tools: Cucumber, Git, Jenkins, Jira, Joomla, Maven, Postman, Rest Assured, Selenium, TestNG, WordPress

Techniques: Agile Development, OOP, REST, Test-Driven Development

Technical Experience

Hospital Management System(HMS) (Full-Stack application): [\[GitHub\]](#) [\[LinkedIn Video\]](#)

- Developed, tested, and deployed HMS application by using **Python-Flask** back-end and **JavaScript-React** front-end
- Designed **ERD** to shape the database according to software requirements and created tables, applied **CRUD** operations with the help of **SQLAlchemy** on the **PostgreSQL** database
- Established **NodeJS** with **Express** to run third-party **APIs** on the server side in order to hide API keys
- Implemented **Token** and **Basic Authentication** to restrict user server access depending on roles while cached user token and user type to enable them to use different features on the client side
- Designed dashboard for different types of users to show different statistical graphs by using **recharts**

Automation Testing (UAT, DB, Regression, Unit, Smoke Testing): [\[GitHub\]](#) [\[LinkedIn Video\]](#)

- Established a test environment using the **Maven** tool to manage and organize dependencies
- Integrated **Selenium**, **TestNG**, **Cucumber**, **Rest Assured**, **Extend** report, and more dependencies in my pom.xml file and used **Java** as a programming language
- Parameterized test cases by **BDD**, **scenario outline**, and **external files** like excel and property files
- Created a TextNG.xml file to run my test cases from the **command line** and **Jenkins**
- Configured testbase class for **parallel**, **cross browsing**, and **remote** running
- Performed **Restful API testing**, **UAT**, and **DB** testing

EXPERIENCE

HSA Elementary Columbus | Technology Coordinator, Instructor | (Columbus, OH)

06/2020 - 06/2022

- Integrated coding lessons into the current curriculum
- Prepared or constructed visual, attractive, fun activities to facilitate student learning of computer terminologies and basics of coding principles and also by using some online game-based project websites where they can track their own progress
- Coached and instructed the school robotics teams to compete in the VEX Olympiad

Pinnacle Academy | Technology Coordinator, Instructor | (Virginia, VA)

07/2019 - 05/2020

- Diagnosed troubleshoot and repaired Chromebook, desktop, and network
- implemented the IB program (project-based learning and advanced content knowledge) to improve students' analytical skills by where students create more and interact with their peers
- Modified the general technology curriculum to STEM-based upon a variety of instructional techniques, content, and technologies as well as
- Established an after-school robotics club to participate in a LEGO competition to achieve local recognition

EDUCATION

Coding Temple, Full-Stack Software Engineering Bootcamp

UNICAF, PGD Innovation in Learning and Teaching

Sakarya University, BS Computer Systems Teaching