Ahmet Murat Acar

Los Angeles
muratacar.dev@gmail.com https://www.linkedin.com/in/ahmetmuratacar/ https://github.com/ahmetmuratacar
https://www.murat.software/

Summary

Full-stack software engineer passionate about building comprehensive solutions that bridge users with intuitive interfaces and powerful functionality. Skilled in combining frontend expertise with backend capabilities to create outstanding digital experiences. Dedicated to designing and optimizing core application infrastructures to ensure scalability, reliability, and efficiency, enabling smooth and seamless user interactions through thoughtful backend development.

Work Experience

Global Trading Development and Management LLC **Aug 2022 - Present**
Software Developer *Houston, TX (Remote)*

- Collaborated in AGILE teams to develop full stack desktop and web applications for the differing needs of varying industries.
- Navigated outdated and unmaintained codebases to maintain security, remove defunct API calls, reduce jQuery calls and DOM manipulations by up to 95%.
- Designed and implemented critical RESTful APIs to cut load times and server usage by up to 50%.
- Designed and tested UI/UX for internal tooling deployed within the organization.
- Utilized Playwright to automate end-to-end testing, ensuring functionality and performance across different platforms.

Meshak & Samitto **Feb 2022 - Aug 2022**
QA Automation Engineer *Istanbul, Turkey (Remote)*

- Developed a robust Behavior-Driven Development (BDD) framework using Cucumber, Selenium, and Java, enabling seamless collaboration between technical and non-technical stakeholders by defining test scenarios in Gherkin syntax.
- Executed and maintained automated regression test suites for web applications, reducing manual testing time by 40%.
- Conducted comprehensive database testing by connecting (JDBC) Java-based test automation frameworks to various database systems such as Microsoft SQL Server and Oracle DB.

California State University Northridge **Dec 2019 - Dec 2021**
Research Assistant, Analytical Chemistry Department *Los Angeles, CA*

- Decreased dead time effects by 20% and increased the range of time to digital converters by 15% in ToF-SIMS experiments by creating multiple designs of multi-anode mass spectrometer detectors using SOLIDWORKS.
- Trained neural networks on mass spectral data using MATLAB tools to analyze samples with slight chemical differences, identifying specific ions, surface composition, and statistical correlations between ion ejections.

Projects

Grabby **Jan 2024 - May 2024**
Personal Project

- Created a website for college students to stay on top of classes and stay organized. It allows students to add all important dates to Google Calendar by simply uploading a syllabus.
- Utilized OpenAl's GPT API to accommodate for varying types of syllabus formats.
- Coded using Javascript, Node, ExpressJS, EJS, and Bootstrap CSS.

CrossSeq **Mar 2023 - Sep 2023**
Personal Project

- Developed a desktop application for generating custom graphical representations comparing and contrasting coding regions of mRNA FASTA sequences. Applied in classroom settings and figures for research papers.
- Coded completely in Python leveraging OOP principles with no external libraries used for the DNA analysis.

Skills

- **Programming Languages**: Python, JavaScript, Go, HTML, CSS, SQL
- **Technologies**: Netx.JS, React, EJS, PostgreSQL, Git, Github, Node, Playwright, Selenium, Cucumber, Gherkin, AGILE, Jira, Postman, Bootstrap, Tailwind, jQuery, Docker, OOP, Unix
- **Social**: Public Speaking, Presentation, Communication Skills, Strong Writer, Demonstrable Teamwork

Education

California State University Northridge **Aug 2017 - Dec 2021**
Bachelor of Science, Biotechnology, Chemistry *Los Angeles, CA*

- **Achievements:** Graduated cum laude