Nadir Kalajdžić
Software Engineer

👤 Profile

Experienced Software Engineer adept in bringing forth expertise in design, installation, testing and maintenance of software systems.

Proficient in various platforms, languages, and software systems. Experienced with the latest cutting edge development tools and procedures.

Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

💼 Employment History

Software Engineer at Mistral/Maestral Solutions, Inc., Sarajevo
August 2021 — Present

Data Science project (1/2022 - 3/2022)

Working as an Engagement Enablement for a Data Science project in terms of helping translating python algorithms to C++ algorithms in an optimal way. Optimizing algorithms in C++ and making predictions, calculations and etc. Most of the work I did was translating the algorithms from Python to C++.

Global Insurance Provider (10/2021 - now)

Development of an insurance application in Reactjs and .NET Core. Mostly working on the front-end part in Reactjs and building custom components with pure CSS and custom logic, but also working on the back-end side with .NET Core, MongoDB, MSSQL,. The used cloud provider is Azure DevOps.

The project is still in development and I am not able to talk about the client in details yet, but I am able to talk about some of my accomplishments:

- Building pure custom components on my own.
- Built and optimized a form that can dynamically have 4400 inputs in total (a layered form where each layer can have multiple layers and so on) with full smart validation and optimal time.
- Optimized test suites and tests on the UI side for Reactjs where over 1200 tests (for now that is the number, the application is still being developed and is still growing) run now faster than before.
- Reduced also the flakiness of the tests by adjusting the number of maximum workers for test suites and in that way also reduced the monthly cost that pipeline builds have when they run tests.
- Created a custom text editor for the application that supports styling the text: modifying the font weight, font style, font size, text alignment, adding lists and bullet points to the text and so on. (Used the 'Quill' library)

Details

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Links

Portfolio
Github
Linkedin

Skills

Node.js

SQL

HTML & CSS

React.js

C#

JavaScript

.NET Core

Next.js

Typescript

Languages

English

German

Bosnian

Hobbies

Guitar, music, football, reading.

- Built a custom storage API and UI for it for users to upload their folders, files and have the CRUD operations for the files/folders (built a Google Drive clone basically). This Google Drive clone supports all file types.
- Optimized React components with memoization, built virtual lists, added custom scroll events and tracking when elements enter the client screen (when the elements are visible on the screen) on scroll events and adjusting and modifying colors and contents based on whether the elements are on screen or not.

(Freelance) Software Engineer at North Star Software

January 2022 — Present

Working on multiple projects for a Canadian Client on the front-end part with Reactjs (with older React legacy code and also new up-to-date react code - varies from project to project), Nextjs and Gatsby as a front-end lead and designing UIs for the software.

One of the project is heavily CSS oriented in the terms it is an artistic site that is highly responsive and detailed. Part of my job is also viewing designs that need to be developed and giving proposals for the implementation, estimates, introducing and managing libraries on the projects.

Components that are built on these project are all purely custom components made by without any library.

I cannot relieve more detailed information about the projects nor the client.

Software Engineering Mentor at IEEE, Sarajevo

October 2021 — December 2021

- Mentoring teams to achieve a successful startup and business
- Utilized crucial design software skills to assist with projects.
- Helped and proposed software architecture, software design patterns and concepts

Teaching Assistant at Faculty of Electrical Engineering, Sarajevo

March 2021 — March 2022

Teaching Assistant for the Subject "Programming Techniques"

- Teaching students about algorithms, data structures, OOP, optimization techniques, dynamic programming and etc.

Thought 2 classes of 30 students how to use more advanced programming techniques.

Software Engineer at Drivesales

April 2022 — August 2022

- Utilized crucial design software skills to assist with the startup.
- Effectively coded software changes and alterations based on specific design specifications.
- Helped to provide industry-leading solutions.
- Developed features

Website link: https://drivesales.com

Education

Bachelor of Software Engineering, Faculty of Electrical Engineering Sarajevo, Sarajevo

October 2019 — October 2021

Graduated in the field Software Engineering

Courses

Certified Scrum Developer, Academy387

August 2021 — Present

Certified Kanban Developer, Udemy

August 2021 — Present

Scrum Fundamentals for Scrum Master and Agile Projects, Udemy

August 2021

Internships

Software Engineer Intern at Atlantbh, Sarajevo

June 2021 — July 2021