



Petar Ivanov

Junior JavaScript Developer



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TECHNICAL SKILLS

Programming Languages
JavaScript/TypeScript,
HTML, CSS

Other technologies
Node.js, Express.js, React,
Handlebars, Tailwind CSS

Databases
MongoDb, PostgreSQL

Tools
Git, GitHub, Visual Studio
Code

SOFT SKILLS

Teamworker

Inclusivity

Continuous Learning

Initiative

LANGUAGES

Bulgarian
Native or Bilingual Proficiency

English
Working Proficiency

EDUCATION

JavaScript Web Developer Software University

09/2022 - 12/2023

Courses

- **JS Advanced** - Mastering **JavaScript** syntax, applying advanced concepts like function context, and gaining proficiency in various data structures, including linear, matrix, and associative structures.
- **JS Applications** - Acquiring a practical understanding of **HTTP** requests and **REST** services, learning advanced concepts such as **Promises** and **async/await**, and developing multiple **SPA** applications.
- **JS Back-End** - Developing server-side applications with Node.js, Express.js, and MongoDB. Utilizing MongoDB for managing **CRUD** operations. Working with the **HTTP** protocol.
- **React** - Gain solid understanding of the React library, delving into the intricacies of **JSX** and **Virtual DOM**. Utilizing hooks, state, and lifecycle methods effectively.

Additional Courses Udemy

Courses

- **Backend Fundamentals** - This course improved my understanding of key backend communication patterns like request-response and publish-subscribe, as well as protocols such as HTTP and TCP. I learned how connections are established and how requests are processed.

PERSONAL PROJECTS

Raw-HTTP, Custom HTTP Server

- Built a custom HTTP server in Node.js using a low-level **"net"** library to handle **TCP** connections and manually parse and route **HTTP** requests.
- Created a small **routing library** supporting **dynamic routes**, **middleware**, and **asynchronous handlers**.
- Implemented a **database library** using CSV files and the **"fs"** module to support data persistence and full **CRUD** operations.
- The server supports core **HTTP functionalities**, including parsing methods, headers, body content, and constructing responses with proper status codes and headers.

StrongEquip, Fitness E-Commerce Platform and API

- Built a full-stack e-commerce platform using **React** for the front-end and a secure **REST API** with **Node.js** and **Express** to handle back-end operations.
- Integrated **user registration**, **profile management**, **order tracking**, and a persistent shopping cart across sessions to enhance user experience.
- Developed **API endpoints** for user authentication with **JWT**, managing orders and product catalogs supporting full **CRUD** operations.
- **Explore the deployed version of the website [here](#)** and feel free to provide feedback.

FocusAI, AI-Powered Learning Platform

- Developing a web application that helps users improve their knowledge across a variety of topics using an **AI-powered chat system** to provide detailed, real-time feedback.
- Users can focus on **specific programming topics** like JavaScript, Python, or Go, as well as areas like design patterns and system design.
- The **AI** engages users in a dialogue, asking questions and providing explanations.
- Applying **clean architecture principles** to improve code quality, maintainability, and scalability, separating concerns and ensuring better codebase organization.