Mihai Culea
Software Developer

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Summary

I am a software developer with a strong focus on JavaScript and PHP, experienced in building full-stack applications across web and mobile platforms. My background blends practical development experience with a problem-solving mindset, allowing me to deliver clean, efficient, and scalable solutions.

Technical Skills

Programming languages:
JavaScript, **PHP**, Python, Java

Frontend:
HTML, CSS, Bootstrap, TailwindCSS, **React**, ReactJS Native, **Vue**, **Laravel**, JQuery, Cordova, Expo, Electron

Backend:
NodeJS, **CodeIgniter**, Firebase, APIs

Database:
SQL, **MsSQL**, MongoDB, Firebase, Supabase

Methodology:
Agile, Scrum, Waterfall

Other:
GitHub, Stripe, MS Office Suite, Fly.io, Vercel, Vite, Firebase, Netlify, **Google APIs**, VS Code, NetBeans, PyCharm

Education and Training

Feb 2021 - Sep 2023
BSc Hons Computer Science | 1:1 | Solent University
Jun 2021
CISCO CCNA Certification | A2 or 92points
Sep 2006 - Jun 2010
Grigore Cerchez Technological College

Featured projects

ePos App v1 (React)
Jul 2023 – Sep 2023
https://fimiar.fly.dev/
The POS App, conceived as an MVP for a dissertation project, enhances conventional POS capabilities by integrating features like business analytics, sales forecasting, staff management, and beyond. Its hybrid architecture ensures versatile compatibility across diverse devices.

Tech: ReactJS, TailwindCSS, NodeJS, MongoDB

ePos App v2 (Vue)
Jan 2025 – Present
https://fimiar-v2.fly.dev/
A personal project developed as a minimum viable product, designed to extend traditional point-of-sale functionality. It incorporates features such as business analytics, sales forecasting, and staff management. Built with a hybrid architecture, it supports deployment across multiple device types.

Tech: Vue.js, Node.js, SQL

Logistics
Dec 2023 – Dec 2023
https://ccwlogistics.web.app/
Solution for a logistics business offering any kind of transportation of goods. Equipped with an instant quote calculator and online payment.

Tech: ReactJS, TailwindCSS, Stripe, Google Map APIs, Email Service

EZEPost
Jul 2023 – Sep 2023
https://ezepost.fly.dev/
Ezepost is a web application crafted for users to efficiently administer their accounts within the desktop file transfer service app. Users can top up their accounts, modify subscriptions, and access a detailed history of file transfers.

Tech: Laravel, PHP, TailwindCSS, MySQL, Stripe

Full List of Projects | https://mihaiculea.web.app | Portfolio

Experience

Systems Developer at Keymas

Sept 2024 – Present

- Designing and developing new system features to meet evolving client requirements across warehouse and logistics software solutions.
- Building and maintaining integrations with third-party systems using TCP/IP socket interfaces and custom messaging protocols.
- Refactoring legacy PHP and JavaScript codebases to improve maintainability and performance.
- Creating internal tools and dashboards to support operational efficiency and system visibility.

Junior Support Developer at Keymas

Feb 2024 – Sept 2024

- Providing 1st and 2nd line support, collaborating with colleagues and third-party providers to implement fixes and functionality changes in configuration or code.
- Performing updates and changes in development frameworks, ensuring smooth transitions from software development to live systems.
- Managing the production releases in coordination with involved parties.
- Developing resources for various improvement work and maintaining support documentation for 1st and 2nd line support use.
- Conducting on-site visits to customer sites for support and project implementation.
- Offering consultation and reviews as required.

Web Developer Volunteer at 10zyme

Jan 2024 – Present

- Active participation in the development of a mobile application and website, utilizing front-end and back-end development skills to meet established standards.
- Adherence to organizational policies and procedures to ensure professionalism and consistency in project execution.
- Thorough analysis of platform designs to ensure superior user experience and functionality in alignment with predetermined standards.
- Implementation and testing of product access features (e.g., tests, branded items, services, subscriptions) on both the app (React Native, Tailwind CSS) and web platform (Next.js). Efficiently managing projects on GitHub and ensuring seamless integrations with Stripe for payment and subscription functionalities.
- Proactive investigation and documentation of tools to enhance team efficiency throughout the development process.

Software Developer - Freelancer - at CCWorcester

Jun – 2023 - Present

- Successfully completed and deployed several projects, including EZEPost, a Laravel-based application with MySQL integration, CCW-POS, an ePOS system with machine learning-based sales forecasting, CCW Logistics, a user-centric logistics platform, and Linked Roomies, a dynamic platform for student roommate relations.
- Enhanced my understanding of APIs by implementing and integrating various third-party services, focusing on enforcing robust security measures to protect client data
- Proficient in both frontend and backend development, I have successfully executed a range of projects using technologies such as React, Node.js, and various databases including MongoDB, SQL, and Firebase
- Expanding beyond traditional web development, I've delved into the realm of Software as a Service. This journey has involved conceptualizing, designing, and implementing SaaS solutions that cater to specific business needs

Various Head Chef and Management roles in Hospitality across UK

Apr 2011 – Dec 2023

Hobbies & Interests

- Passionate about drone footage with experience in capturing high-quality aerial footage
- Successfully represented students, addressing academic concerns
- Popular learning coding apps: Codepen, Snakify, StackOverflow
- Linked.in Skill Assessments - extra training has been completed like Stripe, ReactJS, OOP, NodeJS, etc
- Working on improving and updating my ePOS system, with the goal of transforming it into a start-up venture