Emre Koc
Full Stack Developer

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I'm an expert Full Stack Developer with 15 years of experience in web technologies. With extensive knowledge of JavaScript and PHP, my specialty lies in React and Symfony frameworks. I have a consistent record of rapidly delivering high quality code and valuable consultancy on processes and structure, as well as the ability to manage teams of developers. My work is both creative and methodical, showcasing my passion for programming.

I build custom frontend and backend solutions, automation tools, motion design and animations. My experience in these fields have also allowed me to mentor dozens of developers with any skill level between intern and senior.

‹ Work Experience /›

2018 - Present | Freelancer

- Developed frontend of public websites and internal portals in React, making use of frameworks like Material-UI and Next.js
- Developed backend systems in PHP with Symfony, Laravel and Zend frameworks, using Twig and Blade templating engines
- Built custom content management systems for managing data in SQL databases
- Expanded, restructured and implemented speed improvements in existing applications
- Built automation tools for generating APIs for Azure Functions based on routines export from SQL database
- Implemented extensive SEO improvements using microdata and JSON-LD, based on Schema.org's vocabulary
- Designed mockups and wireframes in Sketch and Illustrator
- Mentored juniors in React and development in general on weekly basis
- Hosted monthly developer meetups, giving talks about a career in web development

2009 - 2018 | Full-time @ Just

2014 | Digital Lead

- Led department of frontend and backend development, responsible for quality control of all deliverables
- Acted as bridge between project management and development team by handling all technical questions by project mangers, clients and other agencies
- Mentored interns, junior and senior developers in all in-house used programming languages, frameworks and tools
- Consulted clients on processes and architecture based on project requirements
- Developed frontend of websites and applications with React

Built real-time interactive multi-user applications using WebSockets

Built 2D/3D animations in JavaScript for websites

Built automation tools with JavaScript (Node) and PHP for significantly faster development and delivery of advertising banners

Developed an internal application with automated repeating tasks, significantly reducing workload for HR, while providing more transparency to employees

Developed a standardized cookie bar with implementation documentation for use by government agencies

Created motion graphics in After Effects for advertising videos, making use of ExtendScript to generate variations

2011 | Full Stack Developer

Led small teams of frontend and backend developers

Mentored junior developers in JavaScript and Flash

Developed frontend of websites with JavaScript, HTML and CSS from designs in Sketch and Illustrator

Developed backend systems in PHP for websites and internal applications, using the Symfony, Laravel and CodeIgniter frameworks, with Twig and Blade templating engines

Built motion graphics for videos and animations for websites in Flash

2009 | Flash Developer

Built and implemented components and full websites in Flash from designs in Photoshop

‹ Technical Knowledge /›

Extensive knowledge of JavaScript, PHP, HTML, CSS, as well as React and Symfony frameworks, and Restful and GraphQL APIs

Proficient in Three.js, PixiJS and D3.js for 2D/3D animations, motion design and visualization

Working knowledge of Sketch, Illustrator, Photoshop and After Effects

Strong sense for mathematics and automation

‹ Education /›

2010 - 2013 @ The Hague University of Applied Sciences
Communication and Multimedia Design
Bachelor of Information and Communication Technology

2007 - 2009 @ Delft University of Technology
Mechanical Engineering
Attended classes in mathematics and physics