

KAROLINA JEDRZEJAK

Software Engineer

CONTACT

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PROFILE

Experienced Software Engineer with 5+ years in frontend and backend development. Skilled in React.js, Vue.js, Node.js, and Python, with a focus on creating scalable applications and optimizing performance. Dedicated to enhancing user satisfaction and staying updated with industry trends.

SKILLS

Soft: Teamwork, Adaptability, Problem-solving, Critical thinking, Creativity, Curiosity, Flexibility, Time management, Attention to detail, Eagerness to learn, Emotional Intelligence

Technical: Programming Languages: JavaScript, TypeScript, Python / Frontend Technologies: React.js, Vue.js, CSS3 (Less/Sass), Tailwind, Bootstrap / Backend Technologies: Node.js, Express.js / Mobile Development: Flutter (Dart) / Databases: NoSQL & SQL / Testing: Jest.js / APIs: REST API / Development Tools: NPM, Yarn, Webpack, Vite / Web Design: Responsive Web Design, Cross-Browser Compatibility / Design Tools: Photoshop, Figma / Analytics: Google Analytics, Google Tag Manager / Methodologies: Agile / Infrastructure: IaC (Familiarity with Terraform and Ansible)

WORK EXPERIENCE

Software Developer

08/2023 - 06/2024

CE Solutions, Hinton, Canada

- Developed web applications including logistics management platforms using Vue.js.
- Created mobile applications for these platforms using Flutter.
- Created Python programs e.g. for files management and database upload.
- Monitored and optimized database performance, including query optimization, indexing, and load balancing for both NoSQL and SQL databases.
- Led critical project enhancements, achieving a 30% performance boost, optimizing system architecture, and addressing bugs to improve user experience.
- Spearheaded UI/UX-aligned design and implemented new functionalities for enhanced application responsiveness and efficiency.

JavaScript Developer

12/2022 - 08/2023

Adriano Mobile, Warsaw, Poland

- Developed engaging mobile ads featuring mini-games using JavaScript, TypeScript, and CSS3, resulting in a 60% increase in campaign revenue compared to static ads.

- Led frontend development for a platform managing publishers and advertisements, utilizing React.js, Next.js, TypeScript, and MongoDB.
- Created an API using Node.js, which enabled the frontend application to communicate with databases, analytical systems, and external advertising services
- Developed a Node.js server to process ad data and deliver analytics for campaign optimization, efficiently handling multiple simultaneous connections.
- Introduced TypeScript in advertising projects, speeding up development by 50%.

Magento2 Frontend Developer

02/2021 - 12/2022

Aurora Creation, Bialystok, Poland

- Developed Progressive Web Applications using React.js integrated with Magento 2 platform for European brands.
- Led 35% of the company's projects as Head Frontend Developer: managed tasks for a 3-person team, cooperated with clients and project managers by conducting project meetings.
- Performed backend tasks reduced the backend team's workload by 15%, which accelerated project completion timelines.
- Developed complex SQL queries, stored procedures, and triggers to efficiently manage and retrieve data in high-volume systems, optimizing performance and ensuring data integrity.
- Optimized existing Node.js applications to improve performance and reduce response times.
- Served as the head full-stack developer for the website project at Mayko SEO Agency, spearheading all aspects from inception to completion independently, leveraging JavaScript and PHP.

Frontend Developer

08/2019 - 02/2021

Euro-Net, Warsaw, Poland

- Implemented promotional product landing pages with JavaScript, CSS3, and FreeMarker boosted online sales by approximately 40% and traffic to manufacturers' direct websites.
- Collaborated closely with graphic designers and the marketing department to finalize Landing Page specifications and with backend developers on the company's main portals.

Junior Frontend Developer

03/2019 - 08/2019

Praca.pl, Warsaw, Poland

- Developed custom landing pages using JavaScript, PHP and CSS3 integrated with job offers from the main portal.
- Achieved a notable increase of approximately 500 daily users on the praca.pl homepage due to the impact of SEO-optimized landing pages.

EDUCATION

Management and Production Engineering

10/2010 - 03/2014

Bialystok Technical University, Bialystok, Poland

- Bachelor's degree