KAROLINA JEDRZEJAK   Software Engineer

CONTACT

phone: (778)7761233
e-mail: kjedrzejak91@gmail.com
location: 24065 102 Ave, Maple Ridge, BC V2W 1J1

LinkedIn: www.linkedin.com/in/kjedrzejak/
website: https://k-jedrzejak.github.io/portfolio/

PROFILE

Experienced Fullstack Software Engineer with 5+ years, skilled in React.js, Vue.js, Node.js, and Python. Specializing in building responsive, scalable web applications and implementing RESTful APIs. Proficient in OOP, applying SOLID principles. Strong experience with Docker and collaborating with cross-functional teams.

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, Next.js, Vue.js, CSS3 (Less/Sass), Tailwind, Bootstrap / Backend Technologies: Node.js, Express.js, Nest.js / Databases: Redis, NoSQL & SQL / Testing: Cypress, Jest / APIs: REST API / CI/CD Pipelines / Containerization: Docker/ 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/Scrum / Infrastructure: IaC

WORK EXPERIENCE

Programmatic Software Developer   `07/2024 - current`
RTB House, Poland

- Developed publisher management platforms using MEVN and MERN stack and created APIs with Node.js and integrated Python.
- Deployed containerized environments with Docker and managed applications on Google Cloud, including Compute Engine, Cloud SQL and BigQuery.
- Designed and optimized database schemas, including query performance tuning and indexing for both SQL (PostgreSQL) and NoSQL databases.

Software Developer   `08/2023 - 06/2024`
CE Solutions, Hinton, Canada

- Developed web applications inluding logistics management platforms using Vue.js and C#.
- 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 (Firebase, Firestore) and SQL databases (MySQL).

- 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 effieciency.

JavaScript Developer
12/2022 - 08/2023

Adrino 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.
- 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
03/2019 - 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.

EDUCATION

Computer Science
10/2017 - 03/2019

Bialystok Technical University, Bialystok, Poland
- Completed 2 years of a 3.5-year program

Management and Production Engineering
10/2010 - 03/2014

Bialystok Technical University, Bialystok, Poland
- Bachelor's degree