Aleksandr Efimenko

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Ottawa, ON

JavaScript | TypeScript | React | Node.js | HTML/CSS | SQL | Jest | Cypress | Docker | GitHub Actions

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- Results-oriented Software Engineer with 3+ years of experience in web development.
- Deep knowledge in creating responsive designs, ensuring optimal user experience across all devices.
- Over 8 years of experience in software development, successfully translating ideas into profitable business solutions.

PROFESSIONAL EXPERIENCE

CyberCap | Volunteering   **Aug 2023 – Nov 2023**
Full-stack Developer

- Collaboratively developed a web app aimed at empowering students with fundamental prompt engineering skills using OpenAI, working closely with a dedicated team.
- Designed and executed the software development process end to end, including the application design, front-end, back-end routing, database modeling, testing, and CI/CD.

GitHub repository: https://github.com/cybercap-sandbox/cybercap-app

Applied technologies: Next.js • React • Node.js • TypeScript • Tailwind CSS • PostgreSQL • Prisma • tRPC • NextAuth.js • OpenAI API • Shadcn/ui • React Hook Form • S3 storage • Cypress • Docker Compose • GitHub Actions

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Fiverr | Freelance   **Jun 2023 – Sep 2023**
Full-stack Developer

- Developed Blute - a full-stack web application designed to enhance communication between clinic staff and healthcare students during their clinical placement training.
- The application serves as a digital journal for students to document their experiences in real-time and output visualization of key indicators on the dashboard.
- Achieved 100% client satisfaction.

Project link: https://blute.co.uk

Applied technologies: TypeScript • Next.js • React • Node.js • Tailwind CSS • PostgreSQL • NextAuth.js • Prisma • tRPC • Zod • Recharts.js • Survey.js • Shadcn/ui • React Hook Form • Jest • Cypress

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Personal projects   **Nov 2022 – May 2023**

Project #1: Kanban Desk – A task management full-stack web application with a complex React embedded state management.

GitHub repository: https://github.com/aleksandr-efimenko/kanban-task-management

Applied technologies: TypeScript • Next.js • React • Node.js • Tailwind CSS • MongoDB • NextAuth.js • Prisma • tRPC • Zod.

Project #2: Inspirational Page – A React-Redux to-do list dynamic application enriched with images, quotes, and weather information fetched from APIs.

GitHub repository: https://github.com/aleksandr-efimenko/inspirational-homepage

Applied technologies: Typescript • React • Redux • Firebase • CSS Modules • External APIs

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Reg.ru partner   Mar 2016 – Nov 2022
C# Software developer
- Developed a system from scratch that continuously processed information on over 5M domain names in the .RU zone, as well as executed automated buying and selling operations through the Reg.ru API endpoint.
- Main responsibilities included system design, module integration, system diagnosis, testing, and troubleshooting.
- Devised a dashboard for real-time metrics monitoring.
- Sold more than 51,000 domain names, with the total project revenue amounting to >$300K, achieving three consecutive years of revenue doubling.

Applied technologies: C# • .NET Core • Razor pages • MVC • REST API • JavaScript • Chart.js • Bootstrap • MS SQL Server • Entity Framework • Docker Compose • RabbitMQ • Selenium

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Project Development Institute No.1   May 2015 – Aug 2019
Lead Engineer, External IT consultant
- Implemented and customized digital document management software, reducing documentation approval time from 7 to 2 days.
- Introduced pre-installed templates, increasing the generation speed of new documents by over 3 times.
- Managed and maintained MS SQL Server databases and 1C Document Management in the "1C Enterprise" platform.
- Fostered an efficient information system through regular maintenance and development of business solutions.

Applied technologies: 1C Document Management • MS SQL Server

North-West territorial administration of the property   Dec 2010 – Apr 2015
Technical Support Engineer
- Implemented proactive monitoring, optimization, and upgrades of hardware, software, and computer equipment, leading to improved communication and customer satisfaction.
- Conducted research, diagnosed, and resolved software and hardware issues.

Applied technologies: Windows Server • MS SQL Server • Evfrat Document Management

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EDUCATION

Baltic State Technical University   Sep 2008 – Jun 2014
Course of study: Aircraft Control Systems Engineering
Degree: Specialist's degree (certified as equivalent to Canadian bachelor's and master's degrees in Engineering based on the World Education Service report issued in May 2021)