Kostiantyn Dontsov
Full stack developer
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A passionate Full Stack Developer with 1.5+ years of experience in building scalable web applications using modern technologies like React, Node.js, Nest.js, PostgreSQL, MongoDB, and AWS. Skilled in optimizing database performance, developing robust APIs, and delivering seamless front-end experiences. Demonstrated expertise in Elasticsearch integration, CI/CD pipelines, and Agile methodologies. Strong problem-solving skills, adaptability, and ability to work effectively in collaborative environments. Currently based in the United Kingdom, I am seeking a long-term opportunity with a UK-based company where I can leverage my skills to drive innovation and contribute to impactful projects.

KEY SKILLS:

Programming Languages: JavaScript (ES6+), TypeScript, SQL, Python (basic)
Frameworks & Libraries: React, Next.js, Node.js, Express.js, Redux, Nest.js
Databases: PostgreSQL, MongoDB, MySQL
Tools & Platforms: Docker, AWS (Amplify, RDS, Lambda, S3, API Gateway), Elasticsearch, k6/Grafana
Testing: React Testing Library, Jest (Unit testing, Integration testing)
Other Tools: Postman, GitHub, Bitbucket, Jira.
Soft skills: Problem-Solving, Communication, Time Management, Teamwork & Collaboration, Adaptability, Critical Thinking, Attention to Detail, Quick learner.

EMPLOYMENT HISTORY:

Full Stack Developer
Meduzzen – *Remote, Ukraine*
July 2024 – Present
Developing an social network for educational platform with real-time collaboration tools, targeting 1,000+ daily active users.

- Designed and implemented, performance optimization, refactoring the backend code written with Node.js, including routes, controllers, services, repositories, middleware's, validators, and DTOs.
- Created and connected reusable React components, hooks, services, and global state management (Redux) to deliver seamless user experiences.
- Developed posts management and members management functionality for the platform, with different permissions.
- Conducted unit testing with Jest, achieving 90%+ code coverage.
- Developed stress tests for server and endpoint performance using k6/Grafana, improving API stability and reducing query execution time by 40% and more.
- Integrated Elasticsearch for global search, allowing multi-keyword searches with optimized performance and data synchronization with Elasticsearch Cloud Store.
- Wrote unit tests for React components with Jest and React testing libraries.
- Created MongoDB schemas, migrations, optimizing queries in repositories (aggregation and standard).
- Worked in an Agile environment, collaborating with developers and project managers to refine system features.

Full Stack Developer (Internship)
Digital Horizon AweGoo – *Remote, Ukraine*
May 2024 – July 2024
Contributed to a project using AWS Amplify and PostgreSQL to optimize backend functionality.
- Conducted code reviews and performance optimization across project modules.
- Built backend components with AWS Amplify Gen 2, creating API endpoints, queries, and Lambda functions to automate requests to third-party APIs.
- Integrated PostgreSQL database with AWS RDS, optimizing data retrieval and management.
- Implemented frontend functionality to fetch data from the backend, ensuring smooth client-server communication.
- Deployed API endpoints with AWS API Gateway, improving system reliability and performance.

Full Stack Developer
Self-employed/Volunteer – *Remote*
February 2023 – May 2024
Worked on diverse freelance and volunteer projects to enhance technical expertise.
- Built visually appealing and responsive websites using HTML, CSS, and JavaScript, achieving 90-100 scores in Google Core Web Vitals.
- Developed a React application integrated with OpenAI API, supported by a Node.js backend and PostgreSQL database.
- Created an interactive map application using the MapTiler API for dynamic map interactions.
- Built a full-stack ecommerce application with Next.js (TypeScript), Node.js/Express, and PostgreSQL (using Prisma ORM). Added AWS S3 for secure image storage.
- Designed a Kanban board application with drag-and-drop functionality and GitHub issues integration using the GitHub API.

ACHIEVEMENTS
- **Database Query Optimization:** Reduced data processing time by 40% and more through query optimization and performance tuning.
- **Global Search Enhancement:** Integrated global search functionality with Elasticsearch, supporting complex multi-keyword searches. Designed and launched multiple responsive web applications, consistently achieving Google Core Web Vitals scores of 90-100.
- **Testing Excellence:** Delivered unit tests with Jest and React Testing Library, achieving 95% code coverage created by myself for backend functionality and front end.
- **High-Performance Web Applications:** Consistently achieved Google Core Web Vitals scores of 90-100 for responsive web projects.

EDUCATION AND QUALIFICATIONS:

National Academy of Law, Ukraine (2007–2012)
- Master's Degree in Law

Certifications and Courses (2022-2024)
- Hillel IT School, Ukraine: TypeScript, React, Front-end Development, Node.js
- Codefinity: SQL, Next.js
- W3Schools, London: Web Development Bootcamp

REFERENCES
Available upon request