Erban Danaj *Software Engineer*

🔗 https://erbandanaj.com/   ⓞ https://github.com/danajerban   in https://www.linkedin.com/in/erban-danaj

✉ danajerban@gmail.com   📍 Warsaw, Poland

📇 Professional Summary

Driven Full-Stack Developer with over 3 years of hands-on experience, primarily as a freelancer, building innovative web and mobile platforms. Proficient in Typescript and Javascript, with a specialisation in using React, Next, and Node frameworks. With an extensive background in the full software development lifecycle, and a developer for more than 30 web and mobile applications spanning various markets.

🎗 Skills

JavaScript · TypeScript · API design and development · Next.js · React · Node.js · Redux · Cloud computing (e.g. AWS, Azure) · React Native · SQL · NoSQL · Docker · Express · CSS · Rest API · Data Structures and Algorithms · CI/CD · Web/mobile development · Git · Angular · tRPC · Adaptability and Flexibility · ORM · Data visualization · HTML · Artificial Intelligence · Progressive Web Applications (PWAs) · Three.js · Framer Motion · Quality Assurance (QA) · Object-oriented programming (OOP) · Chart.js · Test-driven development · UI/UX Design · Agile Methodologies

💼 Work Experience

Freelance Web Developer, Self-Employed 🔗   2020 – present │ Albania, UK, Sweden, Poland, USA
Developing innovative applications for both web and mobile platforms.
- Customised and implemented several projects for clients worldwide - a process that helped me expound upon my skills and familiarise myself with diverse market requirements.
- Balanced my work on freelance projects with studying at university, and subsequently travelling and working extensively in hospitality worldwide. This unique blend of experiences greatly enriched my communication, adaptability, and teamwork skills.
- Turned clients' ideas into well-functioning tech solutions to boost their business performance.
- Designed user-focused web applications from the ground up using mainly React and React Native, leading to a 25% increase in user experience efficiency.
- Demonstrated versatility by successfully delivering projects across various sectors: a design project within the clothing industry, a tech solution for the hospitality domain, a gaming application in the entertainment industry, a cutting-edge job search tool catering to HR, and a unique scent-based app in the perfume industry.
- Persisted in expanding my portfolio with a variety of unique projects such as a comprehensive travel planning app for the tourism sector, a venture into the emerging metaverse market, a platform dedicated to the real estate industry, and an impactful social media image generating tool, to list a few. Each of these projects, along with numerous others, broadened my skill set and addressed unique market demands.

NextJS Developer 🔗   Jan 2024 – present │ Remote, Poland
EdTech platform specializing in online course delivery.
- Leading the development of high-quality, scalable, and innovative end-to-end solutions using NextJS.
- Collaborating with cross-functional teams to translate vision and design into sustainable and impactful software solutions.
- Implementing best practices in coding, testing, and deployment, ensuring high performance and responsiveness.
- Contributing to the ideation, technical design, implementation, and launching of different products.

Full Stack Developer, Spin City Records 🔗   Mar 2023 – Aug 2023 │ Remote, Poland
Spin City Records is the initial prototype for a worldwide peer-to-peer vinyl e-marketplace.
- Set up and improved a MySQL database using Prisma ORM, which increased data management efficiency by 40%.
- Established secure two-way tRPC connections that reduced communication delays by 20%, thus improving the reliability of the platform.
- Used Next.js to enhance server-side rendering (SSR) and SEO optimisation, which increased the application's performance by 30%.
- Implemented a custom Stripe payment flow, enabling smooth and secure transactions, alongside JWT Authentication processes to further enhance security.
- Collaborated in a four-person team, practicing trunk-based development for efficient version control and collaboration, embodying agile methodologies.

Quality Assurance Specialist, Auto1 Group 🔗   Jan 2021 – Feb 2022 │ Albania
Auto1 Group is Europe's leading digital automotive platform.
- Conducted online vehicle inspections and thorough testing of the platform to ensure functionality, identifying and documenting issues to maintain high-quality standards.
- Contributed significantly to maintaining and optimising the back-end system, implementing systematic processes and protocols to enhance operational efficiency.
- Increased sales and transparency by 10% by correcting information on already listed cars, consequently improving the user experience and customer satisfaction.

🌐 Projects

Technical Project Lead, Smart Trip 🔗
Independently developed and designed the initial prototype of a versatile travel assistant app, 'Smart Trip', using JavaScript. This ongoing project has attracted the attention of potential buyers/investors and is currently being perfected and transitioned to Typescript by two other developers. Future plans include monetisation of the app. The project also incorporates OpenAI API (ChatGPT 3.5) for enhanced user interaction.
- **Stack**: React, Axios, Node.js, Express, Firebase/Firestore, Jest & Cypress for testing

Full Stack Developer, Covid-19 Dashboard 🔗
Created a real-time data visualisation tool for Covid-19 statistics from different countries worldwide. The integration of Chart.js for interactive charts and Leaflet for global heat-maps improved user experience and interaction by 50%
- **Stack**: React, Node.js, Express, Axios, JWT, PostgreSQL, Prisma, Chart.js, Leaflet, Jest, Docker

🎓 Education

Bachelor of Science in Computer Engineering (BSc), Epoka University   Sep 2016 – Jul 2020 │ Tirana, Albania

Software Engineering Immersive, Codeworks   Jan 2023 – Aug 2023 │ Remote