DANIEL NOLAN
FULL-STACK SOFTWARE DEVELOPER

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SUMMARY

Dedicated Full-Stack Software Developer with 6 years of experience, specializing in the MERN stack. Expert in creating responsive, scalable web and mobile applications. Skilled in streamlining user interfaces, rigorous testing and debugging. Proficient in diverse deployment strategies, self-directed project management and collaborative teamwork. Committed to exploring innovative techniques and optimizing coding strategies for enhanced efficiency.

WORK EXPERIENCE

DealerOn • Web Designer (Contractor) | *April 2024 – Present*
As a Web Designer at DealerOn, my role is to create and maintain visually appealing, highly functional websites for automotive companies and legal firms. This includes migrating content, designing new site features, and ensuring all web pages meet industry standards and client specifications. In addition to web design, I have taken on a leadership role within the team, helping to train and mentor new hires. My responsibilities include:

- Leading the onboarding process for new team members, providing comprehensive training on tools, processes, and best practices, while offering ongoing support to ensure their success.
- Transferring text, images, and media from old websites to new ones, ensuring proper formatting and functionality.
- Designing and developing reusable components such as smooth accordions and sliders for other designers.
- Conducting tests to ensure websites are functional, user-friendly, and error-free, across all browsers and devices.
- Optimizing images and creating custom graphics using Adobe Photoshop and Illustrator to enhance website visuals.
- Collaborating with teams of designers and developers to ensure seamless integration of web components.
- Managing tasks and communicating with project coordinators using Salesforce.

Nolancode • Freelance Full-Stack Software Developer | *October 2021 – April 2024*
As the founder and CEO of Nolancode, a startup software development business, I operate as a freelance full-stack software developer. Key accomplishments include:

- Successfully overhauled and secured a Cyprus-based dating application, addressing security vulnerabilities through a comprehensive transformation of design, database, server, and codebase, resulting in zero breaches.
- Innovatively introduced new features such as live chat, swipe to match, and event invites leading to a remarkable 40% increase in user signups while enhancing the overall application functionality.
- Spearheaded the development of innovative, feature-rich mobile applications with React Native and Expo, ensuring seamless user experiences and optimal performance.
- Integrated APIs such as OpenAI, NASA, and Mailchimp to enhance application functionality and user experience.
- Proficiently employed cloud-based systems such as Digital Ocean with Nginx, and web hosting platforms like Dreamhost, Heroku, and Netlify, for reliable and optimized application delivery.
- Converted full-scale applications into optimized Progressive Web Apps (PWAs), with service workers, offline functionality, caching, "Add to Homescreen" support, and push notifications, to enhance UX and performance.

Edenred • Frontend Web Developer | *February 2021 – October 2021*
Launched my professional career with a London-based company specializing in delivering employee benefit and work incentive schemes for major clients, including Adidas, Nike, Spotify, and Xbox. In this role, I was responsible for:

- Collaborating within a cross-functional team in an Agile environment, applying React, React Native, and Angular to create operational websites, mobile applications, and landing pages.
- Successfully leading the integration of Salesforce into a key project, improving functionality and usability, which resulted in a 15% increase in sales conversion rates and improved user experience.
- Skillfully utilizing Git and Azure for version control, optimizing the development process and promoting collaborative teamwork, resulting in a 20% increase in project delivery efficiency.
- Maintaining clear communication among teams, including project managers, QA, business analysts, and designers.

TECH STACK —

- HTML5
- CSS3
- Bootstrap
- Sass/SCSS
- Tailwind CSS
- JavaScript
- React.js
- React Native
- Angular
- Redux
- TypeScript
- Next.js
- Socket.io
- Node.js
- Express.js
- jQuery
- AJAX
- MongoDB
- MySQL
- Git
- Firebase
- Nginx
- CI/CD
- UI/UX Design
- Salesforce
- Responsive Mobile-First Design
- RESTful API Design
- Content Management Systems
- Search Engine Optimization
- Security Best Practices
- Cloud Hosting (Digital Ocean)
- Web Hosting (Netlify, Dreamhost)
- Adobe Creative Cloud

CERTIFICATES —

- Master MERN Stack Development – *Ryan Dhungel, udemy.com*
- MERN Stack Front to Back – *Brad Traversy, udemy.com*
- Complete React Developer – *Zero To Master, udemy.com*
- Keeping Up with the JavaScripts: ES6 – *pirple.com*
- Python Essential Training – *lynda.com*
- User Experience for Web Design – *lynda.com*

PERSONAL PROJECTS

CreAlte • AI Powered Image Generator

- Created a cutting-edge MERN application that leverages the power of AI (specifically OpenAI's DALL-E and ChatGPT models), to enable users to generate images from textual prompts. The application is styled with Tailwind CSS, and features animations and visual effects with Framer Motion and React Tilt, to create an immersive interface. React Chart.js is used for dynamic data visualization, while Socket.io enables real-time collaboration through live chat functionality. Scalable image storage and manipulation is ensured via Cloudinary and React Crop, secure payments are processed via the Stripe API, while Node-Schedule automates daily checks on subscription details, and Nodemailer facilitates communication with automated emails. CreAlte is a sophisticated web application that highlights technical proficiency in full-stack development, AI model integration, and third-party service utilization.

NovaQuest • Mobile Application

- Developed an engaging space-themed mobile app for kids, leveraging the NASA API to showcase captivating imagery, including astronomy pictures and Mars rover footage. Features include tracking the International Space Station, accessing details on asteroids, and exploring planets and dwarfs within our solar system. The app integrates educational elements with interactive games, like trivia challenges and physics-based activities, utilizing Matter.js, complete with a global leaderboard. NovaQuest prioritizes a safe environment with community features for posts and comments. It gamifies exploration with achievements and XP, accompanied by cool sound effects, real-time notifications, animations, and random facts for an engaging user experience. The app's technical foundation includes Firebase for authentication, Redux for state management, React Navigation for routing, and a functional admin panel for seamless content and user control.

Love is in Cyprus • Dating Application

- Developed a dynamic dating application using the MERN stack, with Redux for state management. Key integrations include Google Firebase for OTP authentication, Socket.io for real-time chat and notifications, PayPal API for transactions, React Webcam for image uploads, and facial recognition for verification. Features an admin management system for site control, Node-ipinfo for geo-location controls and IP blocking, Chart.js for analytics, Mailchimp API for mass communication, and Nodemailer for automated responses. The app is also accessible as a PWA, for enhanced functionality and offline use.

Apex Scrap • Vehicle Scrap Value Finder

- Designed and built an application that enables users to determine the scrap value of any vehicle by entering the license plate number. Developed using the MERN stack, the project incorporates Nodemailer for email functionality, ReactCountup and Swiper for smooth visual effects, Formik and Yup for form validation, and Axios for efficient data retrieval from the DVLA API.

Nolan Clothing • E-commerce website

- Developed an e-commerce application with React.js and Redux, along with SCSS for styling, and Firebase for data storage and user authorization. Integrated the Stripe API for secure payment processes, demonstrating expertise in frontend development and payment gateway integration.