Andre Nicolas

Senior Software Engineer

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Dedicated Senior Software Engineer with a robust 7-year background in JavaScript and cutting-edge tech stacks. I have a proven track record of delivering innovative and visually appealing web applications, leveraging my expertise in frontend technologies. Proficient in translating complex design and technical requirements into seamless, responsive user experiences, I excel in both individual and collaborative team settings. My passion for clean, maintainable code is matched by my commitment to staying current with emerging industry trends. With a strong focus on problem-solving and a keen eye for detail, I am adept at enhancing user satisfaction and engagement through intuitive interface design and smooth interactivity.

Skills

React • Vue.js • Angular • Next.js • React Native • Expo • HTML • CSS • Javascript

Typescript • Tailwind CSS • Bootstrap • Material UI • Chakra UI • SCSS

Styled Compnents • Chart.js • NodeJs • Next.js • Express.js • PHP • Laravel • Python

Django • RESTful APIs • GraphQL • WebSocket • FIrebase • Docker • MySQL

MonogoDB • PostgreSQL • Git • MySQL • Strapi CMS • GCP • AWS • Jest • Cypress

Jira • Asana • Github • Trello • Gitlab • Bitbucket • Agile • Scrum • Kanban

Professional Experience

06/2022 – present   **Front-End Engineer,** *K-Ruoka*

- Successfully developed and launched 3 comprehensive E-commerce platforms, Introduction pages, and Marketing websites using Vue.js, React.js ensuring seamless user interactions and responsive design.
- Engineered and deployed a dynamic, real-time data analytics dashboard for a K-Ruoka company using Vue.js and WebSockets, providing users with an intuitive interface to explore and analyze financial data.
- Implemented a scalable microservices architecture for the analytics dashboard, utilizing WebSockets to efficiently handle a high volume of real-time data while maintaining optimal performance and reliability.
- Transformed 50+ intricate Adobe XD designs into flawless and fully responsive websites using Bootstrap, ensuring a consistent and user-friendly experience across all devices.
- Optimized API requests and reduced server load by 30% through strategic implementation of GraphQL and caching mechanisms, enhancing the efficiency of data retrieval for a content-heavy platform.
- Streamlined content creation and management by developing user-friendly schemas in Contentful CMS, seamlessly integrated into websites to enhance admin workflows.
- Spearheaded a performance optimization initiative by leveraging CDNs and implementing image compression techniques, resulting in a 40% reduction in overall page load times.

- Implemented Vuex for state management in Vue.js applications, centralizing the state logic to enhance data flow and improve the overall maintainability of the codebase.
- Collaborated seamlessly within a cross-functional team, contributing to Git workflows, server maintenance, and seamless integration of headless CMS solutions like Strapi to ensure agile and flexible operations.
- Received positive user feedback for an interactive data visualization tool, enhancing user engagement and contributing to increased adoption and awareness within the tech community.
- Maintained an efficient workflow by actively participating in Agile ceremonies, including daily stand-ups and sprint planning, and utilizing Jira for project management, ensuring timely deliveries and organized processes

09/2020 – 05/2021 **Full-Stack Developer,** *Amaningsupport*

- Led a dynamic web development team in conceptualizing and delivering impactful product websites using Angular and Vue.js frameworks, leading to a substantial boost in clients' online presence and sales.
- Executed a responsive design strategy with expertise in CSS and popular frameworks, coupled with meticulous media queries for diverse screen sizes, enhancing accessibility and elevating user satisfaction.
- Spearheaded the optimization of a Django server's performance, resulting in remarkable improvements in load times and operational efficiency, thereby optimizing company resources.
- Facilitated collaboration with key stakeholders in strategic website design and structure discussions, ensuring alignment with business goals, more accurate project planning, and expedited time-to-market.
- Teamed up with cross-functional experts to engineer and implement sophisticated features for web applications, utilizing a combination of Vue.js, Express.js, and MongoDB, leading to successful product launches and heightened customer satisfaction.
- Engineered an innovative booking and scheduling platform using Angular and Express.js, incorporating advanced functionalities such as event scheduling, PDF generation, and seamless payment processing.
- Delivered outstanding support throughout the entire project lifecycle, achieving a 100% success rate in user acceptance, integration, and system testing, thereby ensuring a seamless and triumphant project delivery.

2018 – 06/2020
Clichy, France

Full-Stack Engineer, *Edunation.co*

- Overhauled an outdated codebase by migrating to Vue.js, resulting in a 40% reduction in page load time and a significant enhancement in overall user experience.
- Produced comprehensive UI pages using HTML, CSS, Tailwind CSS, JavaScript, and integrated RESTful APIs seamlessly into a Vue.js and Vuex architecture, achieving a modern and dynamic web application.
- Successfully crafted and launched a responsive web application using Vue.js, Vuex, and Tailwind CSS, delivering an aesthetically pleasing layout and a noticeable uptick in user engagement.

- Engineered and implemented a versatile Vue.js component library, decreasing development timelines by 25%, elevating code quality, and ensuring a consistent and user-friendly experience throughout the application.
- Worked extensively with a variety of Vuetify components in web application development, ensuring adaptability across various screen sizes and resolutions.
- Formulated and optimized the database structure for the web application, ensuring data consistency, eliminating redundancies, and optimizing database performance for enhanced efficiency.
- Improved application efficiency and performance by establishing seamless communication between the front-end and back-end, utilizing Vuex for state management, integrating Middleware for data retrieval, and executing RESTful services.
- Provided mentorship to 2 junior developers, fostering their professional growth, assisting in achieving personal goals, and contributing significantly to the overall success of the project.

2017 – 09/2018	**Full-Stack Developer,** *DLD-VIP*

- Led the strategic development of multiple high-impact product websites in collaboration with a dedicated web development team, employing various JavaScript frameworks to enhance user experience and drive significant revenue growth.
- Collaborated within a cross-functional team to conceptualize and build a comprehensive firearm shopping platform using Angular and Express.js, contributing to a notable 30% increase in online sales within the platform's first year of launch.
- Successfully integrated key third-party APIs and services, such as Braintree, Square, and Google Analytics, into the firearm e-commerce platform using Node.js, enriching functionality and enabling robust data analytics capabilities.
- Played a pivotal role in server and database management alongside the DevOps Engineer, resulting in enhanced website performance and minimized downtime for the firearm shopping platform.
- Designed and implemented over 30 efficient CRUD functions for the database using PHP, optimizing database management and enhancing overall website functionality.
- Crafted more than 50 visually appealing and user-friendly CSS templates, employing advanced techniques, to be applied consistently across all website pages, resulting in increased user engagement and improved retention rates.
- Elevated the security protocols of the shopping platform by implementing best practices for authentication and authorization using Node.js and JSON Web Tokens (JWTs), resulting in a significant decrease in security incidents and fraudulent orders.
- Utilized the defect tracking tool JIRA for raising tickets, identifying, logging, and documenting defects, ensuring a systematic approach to issue resolution and continuous improvement.

Education

2011 – 2015	**University of Helsinki,,** *Bachelor's Degree in Computer Science*