

Brandon Owens

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Summary

Expert frontend developer and application engineer who is highly experienced in managing numerous complex projects using AGILE workflow methods. Passionate about open source code, and solving user friction.

Experience



Senior Full-Stack Engineer

Federal Aviation Administration - Contract

Nov 2023 - May 2024 (7 months) Developed and implemented high-priority client features in a large-scale production application using Angular, Typescript, Java, Spring Boot, and Alfresco. Managed a backlog of development requests via Jira, ensuring timely delivery and quality assurance.



Senior Full-Stack Engineer

U.S. Department of Homeland Security

Jan 2023 - Nov 2023 (11 months) Supported and maintained a mission-critical application serving 100,000+ daily users, built with Java, Spring Boot, Angular JS, React, Typescript, and MySQL. Leveraged proficiency in Angular JS and React to optimize frontend performance, and lead a team of React developers on a large scale modernization effort .



Senior Full-Stack Engineer

Simply Nutrition

Jan 2014 - Oct 2022 (8 years 10 months) - Led a team of 5 engineers to drive innovation and development at a rapid-growing Inc. 5000 e-commerce startup, resulting in a 50% increase in revenue growth. Architected and developed a scalable ERP system using C# and MYSQL, improving order processing efficiency by 40%. Implemented automated inventory management systems using Java and Ansible, reducing stockouts by 20%. Mentored junior engineers to improve code quality and efficiency, resulting in a 25% reduction in bugs and errors. Spearheaded the development of a React-based e-commerce platform, increasing customer engagement by 30%

Education



Coursera

Java Programming and Software Engineering Fundamentals, Java
2017



Magento University

Certified Gold Full Stack Developer, Magento 1 & 2, Magento E-commerce
2016



NECA

Master Electrical Certificate, Electrical Engineering
2007 - 2012

Licenses & Certifications



Java Programming and Software Engineering Fundamentals - Coursera



High Voltage, Low Voltage, and Solid-State Engineering - International Brotherhood of Electrical Workers (IBEW)



BICSI, NICET, Alternative Energy, and Life Safety Engineering - International Brotherhood of Electrical Workers (IBEW)



ISO/IEC 27001 – Information Security Management Systems



Adobe Certified Magento Gold Full Stack Developer - Adobe Commerce

Additional Professional Projects



Elegant Framework

April 2023 - Co-founded Elegant, a community-driven project that simplifies the process of building, deploying, and maintaining websites. This innovative platform, built with cutting-edge technologies such as Next.js, Tailwind CSS, TipTap, and Postgresql, is ideal for a wide range of web applications, including blogging and documentation websites. Notably, I successfully integrated the OpenAI SDK and leveraged the streaming capabilities introduced in React 18 to empower users to generate more sophisticated and robust content using GPT technology, significantly enhancing their overall experience.



Fillify

Jan 2020 - Designed, prototyped, and launched a scalable Amazon FBA inventory management tool as a SaaS product, improving inventory management efficiency for hundreds of customers. Built a high-performance Next.js PWA using React and Typescript, and developed a robust .Net Core (C#) Rest API backend with MYSQL database, ensuring 99.99% uptime and minimizing downtime.



SourceLock.io

Jan 2015 - Launched a large Vue.js SaaS application, serving 10,000+ users, with a scalable Laravel (PHP) REST API backend integrating MYSQL and Mongo databases. Utilized advanced web crawling and surfing methods to collect and process thousands of data points daily, providing customers with valuable insights and driving business growth.