SHANE STREATOR

shanestreator@gmail.com | https://shanestreator.com

Full-Stack Engineer dedicated to building user-friendly, performant and secure applications. Proficient in JavaScript/TypeScript, Next.js, and React, with experience deploying and managing solutions on AWS.

Full-Stack Engineer | Mitsubishi EDM/Laser   08/2021 - Present

Achieved over $500,000 in savings for the company, increased quantifiable annual revenue by $100,000 through innovation and the creation of a robust SaaS API, streamlined operational processes, eliminated critical technical debt, and enhanced the security posture of internal and external applications.

Remote360 (https://mcremote360.com)

- Tech: Typescript, React. Next.js, Tailwind, Node.js, Express.js, MySQL, Git, Azure DevOps, AWS, Terraform, Docker, Turborepo, PHP, JavaScript, HTML, CSS, PM2, Nginx, Make

- Saved $300,000 by avoiding the need to rebuild and maintain our native mobile app. This was achieved by integrating our existing web app with a Progressive Web App (PWA) and deploying a PM2/Nginx/Node.js/Express.js microservice to handle push notifications. I created comprehensive iOS and Android installation procedures that facilitated the successful migration of all users.

- Led the strategic migration of the Remote360 platform from a legacy PHP environment with critical technical debt to a modern architecture built with Next.js and a Node.js/Express API. This involved collaborating with an external software architect via paired programming sessions to establish a robust infrastructure using AWS, Terraform, Docker, and Turborepo. The resulting migration significantly strengthened the value proposition for machine purchases, enhanced customer retention, created a new SaaS API product, and increased annual profits by $100,000.

  - Developed a custom multi-tenant JWT authentication system with robust brute-force protection and multi-factor authentication (MFA), seamlessly integrating with existing role-based authorization in AWS Elasticache to enhance application security.

  - Designed and implemented a lightweight traffic logging framework that provides insightful metrics for performance analysis and user behavior tracking, while also enabling user API rate limiting.

  - Created intuitive, customer-facing API documentation in Next.js (inspired by SwaggerHub) to facilitate faster customer onboarding and accelerate platform adoption.

- Oversaw full-scope multi-user gray box testing by an application penetration testing vendor, subsequently remediating identified security vulnerabilities.

- Worked closely with our machine data collection vendor to identify and correct data inaccuracies, resulting in a more reliable data feed for our applications.

Company Website (https://mcmachinery.com)

- Tech: PHP, JavaScript, MySQL, WordPress, Avada Theme, WooCommerce, WP Engine, Vite, React

- Saved over $100,000 annually by self managing the WordPress website in-house, eliminating external vendor fees and oversight.

- Resolved a three-year-old integration issue between WordPress, Pardot, and Salesforce, restoring lead capture functionality and preventing further loss of potential customers.

- Integrated a Vite React compiled Quick-tools app consisting of 11 different tools to help customers calculate project estimates.

- Successfully migrated a new product line by collaborating with the acquired companies' managers, efficiently creating a concise sitemap with varying levels of nested routes and transferring/linking/rendering hundreds of technical documents and specifications.

- Implemented numerous marketing feature requests, optimizing the site's functionality and supporting marketing initiatives.

Company Projects

- Used AWS CDK to deploy a secure Lambda function (leveraging AWS Secrets Manager for credentials) that texts executives via AWS SNS/SMS upon a Zoom emergency event webhook.

- Implemented a real-time Zoom event processing system for customer walk-throughs on internal Call Center display boards using a PM2/Nginx/Node.js/Express.js/WebSocket microservice.

Web Designer/Developer | AmCraft Manufacturing (Elk Grove Village, IL)	01/2021 - 08/2021
Web Designer/Developer | Storetasker/Freelance (Remote)	06/2020 - 01/2021
Software Developer | Ameex Technology (Schaumburg, IL)	05/2019 - 06/2020
Coding Bootcamp | Fullstack Academy (Chicago, IL)	10/2018 - 01/2019
Maintenance Technician | ITW (Roselle, IL)	10/2017 - 09/2018
Maintenance Technician | ND Industries (Northbrook, IL)	03/2017 - 10/2017
Maintenance Technician | Abrasive Technology (Elgin, IL)	03/2015 - 03/2017
Maintenance Certificate | Harper College (Palatine, IL)	01/2014 - 01/2015
Automation Technician | Nypro (Hanover Park, IL)	07/2010 - 10/2013