SHANE STREATOR

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Software Engineer (Full Stack | React, Next.js, Node.js, AWS)

Engineer experienced in building user-friendly, performant, and secure web applications. Strong background in **JavaScript, React, and Next.js**, with additional experience in **TypeScript, AWS, databases, and DevOps practices**. Proven track record modernizing legacy systems, reducing costs, enhancing security, and delivering scalable SaaS solutions.

Technical Skills

- **Frontend:** TypeScript, JavaScript (ES6+), React, Next.js, Tailwind, HTML, CSS, Figma
- **Backend:** Node.js, Express.js, PHP, REST APIs, Authentication & Authorization (JWT, MFA)
- **Databases:** MySQL, AWS Elasticache
- **DevOps / Cloud:** AWS (EC2, RDS, Lambda, SNS, Secrets Manager, Elasticache, Cloudformation), Docker, Terraform, Azure DevOps, CI/CD pipelines
- **Tools & Platforms:** Git, PM2, Nginx, Turborepo, WordPress, WooCommerce, Shopify

Professional Experience

Full Stack Engineer | Mitsubishi EDM/Laser — 08/2021 – Present

- Achieved **$500K+ in savings** and boosted annual revenue by **$100K+** through SaaS API creation and system modernization.
- Collaborated with an external software architect via paired programming to implement infrastructure from **legacy PHP** to a modern **Next.js + Node.js/Express API** with AWS, Terraform, Docker, and Turborepo. Resulting migration improved platform stability, retention, and SaaS profitability.
- Built **PWA to replace native mobile app**, saving **$300K+** in rebuild costs and ensuring smooth user migration.
- Designed **multi-tenant authentication system with MFA and brute-force protection**, seamlessly integrated with AWS Elasticache for secure role-based access.
- Developed a **traffic logging + API rate limiting framework** for performance insights, user behavior tracking, and system reliability.
- Created **customer-facing API documentation** in Next.js (inspired by SwaggerHub) to streamline onboarding and accelerate adoption.
- Oversaw **third-party penetration testing** (gray box) and remediated vulnerabilities, enhancing application security.
- Worked with our IOT vendor to **correct data inaccuracies**, ensuring more reliable inputs for applications.
- Reduced vendor reliance by managing corporate WordPress sites in-house, saving **$100K+ annually**. Resolved long-standing **Salesforce/Pardot/WordPress integration** issue, restoring lead capture pipeline.

- Deployed secure AWS Lambda function with SNS/SMS alerts for executives, leveraging Secrets Manager for credentials.
- Built PM2/Nginx/Node.js/Express.js/WebSocket microservice to display real-time Zoom event data for internal teams.

UI/UX Engineer | AmCraft Manufacturing — 01/2021 – 08/2021

- Designed and developed a new customer-facing website with improved usability and responsiveness.
- Collaborated with marketing to implement SEO-friendly content structure.

Software Developer (Freelance) | Storetasker — 06/2020 – 01/2021

- Built and customized Shopify and WordPress solutions for small businesses and eCommerce clients.
- Delivered responsive, optimized websites tailored to client brand needs.

Software Developer | Ameex Technology — 05/2019 – 06/2020

- Developed and maintained client-facing applications across CMS and modern frameworks.
- Supported cross-functional teams in delivering web solutions to enterprise clients.

Earlier Career (2010 – 2018):
Maintenance & Automation Technician roles with ITW, ND Industries, Abrasive Technology, and Nypro. Gained foundation in troubleshooting, technical problem-solving, and system reliability.

Education

Fullstack Academy – Coding Bootcamp, Software Engineering Coursework (2019)
Harper College – Maintenance Certificate (2015)