Nathan Louissaint

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SUMMARY

Software Engineer with strong experience in React.js, Node.js, and TypeScript, specializing in scalable, secure, and high-performance web applications. Adept at building and maintaining full-stack systems within Agile environments. Proven success in optimizing application performance, automating deployment pipelines, and improving user experience across financial and enterprise-grade systems.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, Redux, CSS3, Responsive Design

Backend: Node.js, Express.js, REST APIs, MongoDB, MySQL

Tools: GitLab, GitHub, Docker, Jira, Confluence, Vercel, VS Code

Design & UX: Responsive Design, Accessibility (WCAG), Figma, UI Testing, Core Web Vitals Optimization.

Dev Practices: Agile Development, SDLC, CI/CD, Code Reviews, Documentation

Council of State and Territorial Epidemiologists   Nov 2024 - Sep 2025

- Designed and maintained React.js front-end components and integrated Node.js APIs for enterprise applications.

- Improved UI load times by 40% through lazy loading, code splitting, and caching strategies.

- Implemented testing suites (Jest) for unit and integration testing, achieving 90% test coverage.

- Collaborated with cross-functional teams using Agile Scrum workflows to deliver production-ready releases every sprint.

Verizon Consumer Experience Internship   May 2024 - Aug 2024

- Built responsive, user-friendly web interfaces using React, TypeScript, and Next.js, increasing satisfaction scores by 35%.

- Integrated REST APIs to synchronize customer data across systems.

- Configured, tested, and optimized SaaS integrations in Office 365 and Slack, ensuring secure cross-platform connectivity.

- Built interactive data dashboards using React and Node.js, improving response speed for real-time analytics by 30%.

- Automated build and deployment processes, reducing downtime and deployment cycles.

EDUCATION   Aug 2020 - May 2025

Bachelor of Science in Information Technology
Kennesaw State University | Kennesaw, GA

CERTIFICATIONS & AWARDS

- **General Assembly:** software engineering certificate
- Software Engineering Hackathon 3rd Place