

Joshua Horsfall

Senior Software Engineer — Full-Stack

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SUMMARY

Senior Full-Stack Engineer with 5+ years building and deploying production-grade web applications, using React/Next.js and Svelte on the frontend and Node.js, Express, Laravel, and Django on the backend. Cut average load times by 35% (3.2s to 2.1s) through SSR and performance engineering, and reduced deployment time by 73% via CI/CD automation. Experienced in AWS serverless architecture, microservices, and leading Agile teams through code review and mentorship.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
- **Frontend:** React.js, Next.js (SSR, SSG, API routes), Svelte/SvelteKit, Tailwind CSS, Progressive Web Apps, Responsive Design
- **Backend:** Node.js, Express, Laravel, Django, RESTful API design, GraphQL, WebSockets, microservices
- **Databases:** PostgreSQL, MySQL, MongoDB — schema design and query optimization
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, CloudFront), DigitalOcean, Docker, serverless architecture, GitLab CI, Jenkins, CircleCI
- **Testing & Quality:** Jest, Mocha, Cypress, TDD, ESLint, Prettier, code review workflows
- **Security & Access:** OWASP principles, Auth0 authentication/authorization
- **Other:** Web Accessibility (WCAG 2.1 AA), Internationalization (i18n), Agile (Scrum, Kanban)

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Adhocplus Cloud & Data Services (Remote)

February 2021 – Present

- Architected and deployed 10+ responsive web applications using React, Svelte, and modern JavaScript, driving a 22% increase in user engagement
- Improved application performance by 35%, cutting average load time from 3.2s to 2.1s through SSR, image compression, and strategic lazy loading
- Engineered CI/CD pipelines with GitLab CI and Jenkins, reducing deployment time by 73% while maintaining code quality standards
- Designed and integrated RESTful APIs and GraphQL endpoints, boosting data-flow efficiency by 40%
- Cut infrastructure costs by 20% by implementing serverless architecture and auto-scaling
- Increased company revenue by 15% through strategic integration of automated sales and marketing tools
- Delivered WCAG 2.1 AA accessibility compliance across production applications
- Integrated machine learning models to personalize user experiences
- Led code reviews and mentored junior developers, improving team productivity by 28%

Full-Stack Developer — Chesroc Nigeria Limited (Lagos, Nigeria)

October 2019 – August 2020

- Led architecture and development of 4+ production web applications end-to-end, including Taski (productivity platform) and CloudDocs (enterprise cloud filing), resulting in a 61% increase in resource accessibility
- Built CaterGo, an inventory management system handling 100,000+ items, using optimized data structures to improve query speed by 50%
- Implemented microservices architecture with AWS serverless solutions, improving system scalability and uptime by 40%
- Integrated Auth0 for secure, enterprise-grade authentication and authorization
- Spearheaded internationalization (i18n) supporting 5 languages, growing the international user base by 45%

IT Support Specialist (Intern) — Adexfe Systems (Lagos, Nigeria)

April 2019 – October 2019

- Improved IT support efficiency by 32% through process automation and systematic issue resolution
- Built reporting and data-analysis features using ColdFusion, AJAX, and MySQL, improving internal data insights
- Assisted with security audits and system updates, reducing vulnerabilities by 15%
- Authored technical documentation that improved team onboarding efficiency by 40%

KEY PROJECTS

Portfolio: cradly.dev

Taski — Productivity Platform — Full-stack web application with a built-in performance rating system; responsive PWA frontend. Improved employee efficiency by 25% across 100+ active users.

CloudDocs — Enterprise Cloud Filing System — Permission-based document management with role-driven access control and scalable architecture for large-scale document handling.

CaterGo — Inventory Management System — High-performance system managing 100,000+ inventory items; optimized data structures and complex querying reduced tracking errors by 20%.

EDUCATION

Bachelor of Technology, Chemical/Petrochemical Engineering — June 2016

University of Science and Technology, Rivers State

CERTIFICATIONS

IBM Cloud Native Development (2023): Applied Developing Cloud Native Applications · Developing Front-End Apps with React · Front-End Development with React (Intermediate) · Git and GitHub Essentials — [verify](#)

HackerRank (2023): JavaScript (Intermediate) · JavaScript (Basic)

LEADERSHIP

Collegiate President — JCI (Junior Chamber International)

Led the collegiate chapter, organizing leadership development events and professional training sessions; managed cross-functional volunteer teams.