

ANIMASAUN DAVID

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Professional summary: Experienced Frontend Engineer with 3+ years of expertise in building scalable, responsive web applications using modern JavaScript frameworks. Proven track record of transforming complex UI/UX designs into pixel-perfect, high-performance interfaces that enhance user engagement and reduce bounce rates. Strong background in React ecosystem, performance optimization, and cross-browser compatibility. Additional expertise in AI/ML integration and cloud technologies, enabling the development of intelligent frontend solutions.

Skills and Technologies

Frontend Core:

- Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Python
- Frameworks & Libraries: React.js, Next.js, Vue.js, Node.js, Express.js
- Styling: Tailwind CSS, Chakra UI, SASS/SCSS, CSS Modules, Styled Components
- State Management: Redux, Context API, Zustand
- Tools & Build Systems: Vite, Git/GitHub, npm/yarn

Advanced Frontend:

- Testing: Jest, React Testing Library, Cypress, Unit & Integration Testing
- Performance: Code Splitting, Lazy Loading, Web Vitals Optimization, PWA
- APIs & Data: RESTful APIs, GraphQL, WebSockets, Firebase
- Development: Responsive Design, Cross-browser Compatibility, SEO, Accessibility (WCAG)

Artificial Intelligence & Machine Learning:

- Deep Learning, Neural Networks (TensorFlow, PyTorch, Scikit-Learn), Computer Vision (OpenCV, YOLO, Faster R-CNN, Tesseract OCR), NLP & LLMs (Hugging Face Transformers, LangChain, AWS Bedrock, Anthropic Claude 3.5 Sonnet), Speech & Audio AI (OpenAI Whisper, Deepgram, Tacotron (TTS), WaveNet), Generative AI (GANs, VAEs, Diffusion Models), Model Deployment (AWS SageMaker, TensorFlow Serving, ONNX, Bedrock API).
- LLM Fine-tuning Frameworks: TRL, LoRA/QLoRA, Axolotl (conceptual understanding/ability to quickly adopt).

DevOps & Cloud Engineering:

- Cloud Platforms & Services: AWS (EC2, S3, Lambda, DynamoDB, ECS, ECR, CloudFormation, CodePipeline, CodeBuild, CodeDeploy, CloudWatch, Bedrock, SageMaker, EventBridge, API Gateway, Step Functions), GCP (familiarity).
- DevOps & Automation: Docker, Kubernetes (conceptual understanding from ECS/EKS context), CI/CD (AWS CodePipeline, CodeBuild, CodeDeploy, GitHub Actions), Infrastructure as Code (AWS CloudFormation), Automated Deployment of Services.
- Operating Systems: Unix/Linux. Programming Languages: Python, Shell Scripting, JavaScript (for cloud functions/frontend interaction). Databases: DynamoDB. Monitoring & Logging: AWS CloudWatch.
- Networking: VPC, Security Groups, Load Balancers, Route 53, Direct Connect, VPN (Strong understanding and practical application in cloud environments). Security: IAM, Security Groups, Network ACLs, KMS, WAF, Shield, GuardDuty, CloudTrail, Config.

Work Experience

NIMBUS SOLUTIONS PROVIDER | *Lead Engineer*

Aug 2024 - present

- Architected modern web applications using React.js and Next.js, implementing component-based architecture that improved code reusability by 40% and reduced development time
- Led cross-functional frontend development for AI-powered applications, creating intuitive user interfaces for machine learning workflows and data visualization dashboards
- Optimized application performance through advanced techniques including code splitting, lazy loading, and efficient state management, achieving 60% improvement in page load times
- Implemented responsive design systems using Tailwind CSS and Chakra UI, ensuring consistent user experience across all device types and screen sizes
- Integrated AI/ML capabilities into frontend applications, building user-friendly interfaces for LLM interactions, data preprocessing tools, and real-time inference dashboards
- Mentored development teams on modern frontend best practices, establishing coding standards and design patterns that became company-wide standards
- Built scalable cloud-native frontends leveraging AWS services (CloudFront, S3, Lambda) for optimal performance and global content delivery

CDLP HUB LTD | *Software Engineer*

November 2022 - November 2023

About: Full-stack focused software engineer specializing in modern web development, user experience optimization, and cross-platform application design. Promoted from intern to full-time engineer based on exceptional performance and technical leadership.

- Architected and developed responsive web applications using modern JavaScript frameworks (React, Node.js), implementing component-based architecture that improved code reusability by 40% and reduced development time.
- Led end-to-end feature development for the company's flagship destination platform, designing scalable frontend solutions that enhanced user engagement metrics by 35% and reduced bounce rates significantly.
- Engineered cross-browser compatible solutions using advanced CSS techniques, Webpack bundling, and progressive web app (PWA) principles, ensuring consistent user experience across Chrome, Firefox, Safari, and Edge browsers.
- Optimized application performance through code splitting, lazy loading, and efficient state management, achieving 50% faster page load times and improved Core Web Vitals scores.
- Implemented comprehensive testing strategies using Jest, and automated testing pipelines, maintaining 85% code coverage and reducing production bugs by 60%.
- Collaborated with UX/UI designers and product managers in agile development cycles, translating business requirements into technical specifications and delivering pixel-perfect implementations.
- Mentored junior developers and interns, conducting code reviews and establishing frontend development best practices that became company standards.

Frontend Engineer | *Otherfaces of Tech (Volunteer)*

July 2023 - January 2025

- Delivered pixel-perfect implementations of complex design systems, working closely with designers to ensure brand consistency and visual excellence
- Developed high-performance web technologies with enhanced cross-browser compatibility, supporting Chrome, Firefox, Safari, and Edge
- Implemented comprehensive testing strategies using Jest and React Testing Library, maintaining 85% code coverage and reducing production bugs by 60%
- Optimized Core Web Vitals through advanced performance techniques, achieving significant improvements in user experience metrics

Activities & Volunteer Experience

Google Developer Groups on Campus | AI/ML team lead

Dec 2024 - Present

About: Google Developer Groups on Campus (GDGoC) is a community group for college and university students keen on learning new technologies and helping other students.

- Mentor developers in cloud computing, DevOps, AI/ML, and scalable infrastructure.
- Deliver technical talks and hands-on labs covering topics such as AI/ML serverless computing, CI/CD, containerization, and cloud security.

Certifications and Education

[AWS cloud practitioner](#)

[AWS Educate Introduction to Cloud 101](#)

Bsc physics – University of Ibadan

Fullstack web development Bootcamp – Udemy

Machine Learning course - Udacity

Introduction to Machine learning - Microsoft

AWS solution Architect in view

Blogs and Articles

 [Exploring the World of Web Development: SPA vs SSR vs SSG](#)

[Everything You Should Know about useReducer as a React Developer](#)

[Pseudo classes vs Pseudo elements: What's the Difference and How to Use Them in CSS?](#)

[Acing coding Interviews](#)

[Automating Slack Notifications with AWS Lambda and EventBridge](#)