Daniel Adesoji

Senior Software & Platform Engineer
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PROFESSIONAL SUMMARY

Senior software and platform engineer with 7+ years of experience designing and operating scalable backend systems, cloud infrastructure, and developer platforms. Strong hands-on expertise in TypeScript and Node.js, Kubernetes, GCP and AWS, CI/CD, networking, databases, observability, and distributed systems. Built platforms processing 30,000+ deployments per month, APIs serving 81,000+ requests per day, and logging pipelines handling 21M+ daily logs. Experienced in owning systems from architecture through production operations, leading incident response, mentoring engineers, and delivering secure, reliable platforms that improve developer velocity.

EXPERIENCE

Senior Software Engineer | Hostless Cloud

- Designed and built core platform services for applications, static sites, managed databases, and deployments, enabling developers to run workloads without managing infrastructure.
- Architected and maintained backend deployment systems processing 30,000+ deployments per month and APIs handling 81,000+ requests per day.
- Built and operated Kubernetes-based infrastructure for application workloads and managed data services, including provisioning, readiness, routing, and lifecycle automation.
- Maintained centralized observability and logging pipelines processing 21M+ application and platform logs daily using Prometheus, Grafana, and ClickHouse.
- Delivered platform capabilities across domain routing, deployment search and filtering, static-site hosting, storage, container registries, and CI/CD integrations.
- Led incident response, root-cause analysis, release operations, and code reviews to improve resilience and engineering standards.
- Technologies: TypeScript, Node.js, NestJS, React, MongoDB, Redis, Docker, Kubernetes, Prometheus, Grafana, ClickHouse, Redpanda, Cilium

Senior Software Engineer | Yoke Network

- Integrated and built a system responsible for Video and Audio transcriptions using AI tools. This helped generate transcripts and summaries for clients and customers
- Introduced and optimised automated deployment process using GitHub Actions to build CI/CD pipelines to Kubernetes cluster on Google Cloud Platform(GCP) resulting in improved code review process and reduced time to production
- Integrated core backend system to TikTok services collecting over 10,000 events
- Built a responsive, user-friendly interface with React for internal teams to assist with data analysis, filtering, and grouping of contents, influencers, and advertisers
- Built a Kanban board for internal teams to proactively attend to events from influencers, advertisers, content, and campaigns resulting in the internal team being able to attend to issues early.
- Reworked and scaled the service responsible for ingesting events, installs, and clicks data for key metrics and statistics

- Responsible for building a data pipeline service between the production database and staging database to make development and testing easier.
- Technologies used: (JavaScript/TypeScript, Node.js, React, AdonisJS, Redis, Python, Docker, ffmpeg, MongoDB, NestJS, Kubernetes, GCP)

Platform & DevOps Consultant | OneKard

- Advise on and improve cloud infrastructure on Google Cloud Platform, assessing and strengthening containerized services across GKE and Cloud Run.
- Advise on and implement IAM, service identities, network configuration, environment access, and database connectivity to strengthen platform security and reliability.
- Design and maintain deployment workflows for application services, supporting the team with predictable releases, environment configuration, and operational troubleshooting.
- Advise and partner with product engineers to deliver secure financial and administrative workflows, including deal documentation, settlement-confirmation generation, and auditable admin actions.
- Improved authentication and session handling across REST, Axios, and GraphQL request paths to provide consistent recovery from expired or invalid sessions.
- Help backend and frontend teams diagnose production issues, improve operational workflows, and raise engineering quality.
- Technologies: GCP, GKE, Cloud Run, IAM, VPC networking, Kubernetes, Docker, databases, TypeScript, React, Node.js, GraphQL

Software Engineer | Edens360

- Led a team of 5 engineers in the design, development, and delivery of an integrated core banking solution
- Oversaw the entire software development lifecycle, from requirement gathering and architecture design to implementation and deployment.
- Successfully launched the application, achieving high user adoption and positive client feedback.
- Managed project timelines, resources, and priorities, ensuring on-time delivery and effective resource allocation.
- Leveraged AWS cloud services, such as EKS, ECR, SES, S3, ElasticBeanStalk, and VPC, for scalable and reliable infrastructure, resulting in improved performance and cost optimization.
- Mentored junior engineers, providing technical guidance, conducting code reviews, and fostering a culture of continuous learning and growth.
- Technologies used: (JavaScript/TypeScript, Node.js, AdonisJS, NestJS, Docker, PostgreSQL, AWS)

Software Engineer | PUNTERCLASH

- Built an automated service(bot) that was responsible for generating slips for users and matching them. This increased user activity by 10%
- Integrated third-party service provides odds(markets) with RabbitMQ and was responsible for resolving over 100k+ events
- Developed a helper module responsible for generating data for tests which improved the testing for the team
- Responsible for building transparent systems to reduce fraudulent activities by 90%
- Technologies: (JavaScript, Node.js, React, Next.js, AdonisJS, RabbitMQ, PostgreSQL, Redis)

Software Engineer Intern | ANDELA

- Built and maintained features for an internal product called “Travela” which was a travel management product used by Andela’s Travel team, People team(HR), and Engineers to manage travel requests and logistics.

- Was involved in building a Travel Planner feature for users and admins of the product. This functionality made travel requests and logistics effective by reducing the time taken for employees to make requests and also provided the admin(travel team) with the necessary data for travel logistics.
- Technologies: (JavaScript, React, Node.js, ExpressJs, PostgreSQL)

OTHER EXPERIENCES

Senior Software Engineer | Skillgora

- Architect and build a full-stack learning platform serving creators, facilitators, and learners through skillsets, notebooks, practice sessions, assessments, and progress analytics.
- Designed private draft-learning and immutable practice-session workflows that count toward personal progress while remaining isolated from shared, facilitator, and competitive reporting.
- Built AI-assisted authoring workflows for skillsets, question sets, concept maps, generated practice, feedback, and learner remediation.
- Extended the platform with MCP tools and agent knowledge, enabling assistants to create, validate, and launch structured learning workflows.
- Improved platform reliability through analytics safeguards, data migrations, test coverage, and coordinated backend, frontend, and integration changes.
- Technologies: TypeScript, Node.js, NestJS, React, MongoDB, MCP, AI integrations, Docker

Machine Learning Student | Greatlearning's MIT IDSS

- Built a recommendation system to recommend the best Amazon products to users
- Built a model responsible for classifying and identifying customers that are likely to convert to paid customers based on attributes or leads and their interaction details
- Portfolio: https://eportfolio.mygreatlearning.com/adesoji-daniel
- Technologies used: Python, Pandas, Numpy, Matplotlib, Scikit Learn, Tensorflow, Surprise, Jupyter Notebook, Google Colab

Backend Engineering Instructor(Node.js) | AltSchool Africa

- Led a diverse group of students through hands-on coding exercises, projects, and real-world scenarios to reinforce learning objectives.
- Provided personalized guidance and mentorship to students, assisting them in mastering backend development skills and problem-solving techniques.
- Collaborated with a team of instructors to continuously improve the curriculum, incorporating industry trends and feedback from students.
- Facilitated classroom discussions, code reviews, and collaborative coding sessions to promote a supportive and engaging learning environment.
- Prepared students for technical interviews, conducted mock interviews and offered guidance on resume preparation and portfolio development.
- Evaluated and tracked student progress, identifying areas of improvement and providing constructive feedback to foster growth.
- Technologies used: *(*JavaScript/TypeScript, Node.js, NestJS, AdonisJS, MongoDB, Docker, GCP)

TECH STACK/SKILLS

Front End	CSS3, Bootstrap, HTML5, JavaScript, React.js
Back End	JavaScript/TypeScript, Node.js, Express, AdonisJS, Python, Flask, FastAPI, Go, Gin, Ruby, Rails, Microservices
Data Stores	PostgreSQL, Redis, MongoDB, Cassandra
Operating Systems	Linux, MacOS
DevOps/Cloud	GitHub Actions, GitLab CI, CircleCI, Docker, Kubernetes, GKE, Cloud Run, IAM, GCP networking, Google Cloud, AWS
Machine Learning	Python, Pandas, Numpy, Matplotlib, Scikit Learn, Tensorflow, Surprise, Jupyter Notebook, Google Colab

CERTIFICATIONS

MITIDSS: DATA SCIENCE AND MACHINE LEARNING: MAKING DATA-DRIVEN DECISIONS

Links to more: Certifications

PROFILES

Website: https://danieladesoji.hostless.app/
LinkedIn: https://www.linkedin.com/in/adesoji-daniel-a7880213b/

REFERENCE

Reference available upon request