Tendai Nyandoro

Senior Software engineer | Full Stack Engineer

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SUMMARY

Full Stack Engineer with 8+ years of experience building scalable web applications using React.JS (Next.js),Vue.JS, Angular, Node.JS, Ruby on Rails, TypeScript, and Docker. Expertise in secure API development, authentication systems, MongoDB integration, web security hardening against vulnerabilities and attacks (DDoS, XSS protection, CSP, CORS), and infrastructure management with Nginx, HAProxy, and KrakenD API gateway.
Proven track record leading Agile remote teams while delivering high-performance applications with robust security practices and DevOps excellence. Open to both remote and on-site opportunities.

PROFESSIONAL EXPERIENCE

GREENSOFT SOLUTIONS PTY

Senior Software Engineer August 2024 – October 2025

- Built and maintained scalable web and mobile applications over 2 years across FinTech, Real Estate, E-Education, national social grant project and AdTech industries using Node.js, Python, Ruby, JavaScript, ReactJS, VueJS and Angular .
- Designed and implemented robust backend systems and APIs with Node.js and Python frameworks (Django, Flask, FastAPI), delivering both RESTful and GraphQL services with 99.9% uptime.
- Engineered high-performance microservices in Ruby on Rails (Ruby), handling millions of concurrent requests with low latency and high reliability.
- Developed rich, responsive user interfaces with React.js, Redux, React Native, JavaScript, TypeScript, Material UI, and Tailwind CSS, improving user engagement by 23%.
- Developed a high-performance API application using Ruby on Rails and PostgreSQL, leveraging advanced Active Record techniques, database normalization, and custom SQL queries to serve 10K+ requests per minute with 99.9%
- Built SEO-friendly, server-side rendered applications using Next.js, improving page load times and search engine visibility for high-traffic web platforms.
- Managed and optimized data storage solutions using MySQL, PostgreSQL, and MongoDB, ensuring efficient queries, indexing, and data modeling for large-scale applications.
- Built and deployed cloud-native applications on AWS, leveraging services such as EC2, Lambda, S3, RDS, DynamoDB, CloudFront, and CloudWatch to design scalable, high-availability architectures.

DevOps & Infrastructure:

- Implemented containerized microservices architecture using Docker, orchestrating multi-container applications with Docker Compose and optimizing container images for production deployments with reduced build times and enhanced security through multi-stage builds and vulnerability scanning.
- Configured and managed Nginx as a reverse proxy and load balancer to distribute traffic across multiple application servers, implementing SSL/TLS termination, rate limiting, and caching strategies to improve application performance and reliability.

- Integrated KrakenD API Gateway to streamline microservices communication, implementing request/response transformation, API aggregation, rate limiting, and authentication middleware to create a unified API interface while reducing backend load.
- Established robust CI/CD pipelines using Jenkins and GitHub Actions, automating build, test, and deployment processes across development, staging, and production environments, reducing deployment time by 70% and ensuring zero-downtime releases.
- Implemented comprehensive monitoring and observability solutions using Grafana dashboards, visualizing real-time metrics for application performance, server health, API response times, and error rates to enable proactive issue detection and resolution.
- Implemented multi-cloud deployment strategies across Render, Heroku, AWS, Azure, and Oracle platforms, optimizing for performance, cost-efficiency, and high availability

Documentation & Technical Writing:

- Authored extensive technical documentation including architecture decision records (ADRs), API documentation, system design specifications, and developer onboarding guides, ensuring knowledge transfer and maintainability across engineering teams.
- Prepared and delivered 70+ technical documents covering software specifications, implementation guides, troubleshooting procedures, and best practices documentation, facilitating smooth project handoffs and reducing onboarding time for new team members.
- Developed comprehensive tender technical documents and proposals, translating complex technical requirements into clear, business-focused documentation for procurement processes, contributing to successful contract acquisitions and stakeholder alignment.
- Collaborated with cross-functional teams and managed version control workflows using Git and GitHub, ensuring efficient code reviews, branching strategies, and team collaboration.
- Partnered with data science teams to deploy AI/ML models in production, following Agile, TDD, and clean-code principles, improving predictive analytics accuracy by 15%.

PLATFORM45

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Software Engineer | November 2021 - March 2024
- Developed full-stack web applications using Ruby on Rails backend with JavaScript, React, Vue.js frontends and Redux state management, integrated with PostgreSQL databases and deployed on AWS infrastructure
- Participated in agile development processes using Jira for project management, Miro boards for collaborative planning, and conducted team meetings and retrospectives via Zoom and Google Meet
- Integrated HubSpot CRM solutions and managed application deployments across cloud platforms including Render and Heroku for scalable production environments
- Built and maintained RESTful APIs, implemented responsive user interfaces, and ensured database optimization for high-performance web applications
- Developed comprehensive real estate booking platform using React.js frontend, Node.js backend APIs, and MongoDB database, implementing features for property listings, reservation management, and user authentication

MICROVERSE BOOTCAMP
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Intern Software Developer | August 2020 - September 2021
- Completed intensive 12-month remote software engineering program focused on full-stack web development with hands-on project-based learning and real-world development practices
- Collaborated daily with international peers through pair programming sessions, code reviews, and team projects using industry-standard tools including Git workflow, Jira for project management, and Slack for communication
- Developed proficiency in agile development methodologies, participating in sprint planning with Miro boards, daily standups, and regular progress reporting to mentors and instructors
- Built multiple full-stack applications demonstrating mastery of frontend and backend technologies while working in distributed teams across different time zones
- Gained practical experience in remote work collaboration, version control best practices, and professional software development workflows preparing for industry employment

WATOLI PTY, _Johannesburg, South Africa_
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Business and Front-End Developer | Feb 2018 – Dec 2019
- Engaged Municipalities for a system
- Created and networked solutions for cities.
- Worked on the Local government software, creating documentation.

RAFFLES GROUP, _Harare, Zimbabwe_
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Business Development Manager | Feb 2014 – Aug 2017
- Design work for print work, the company website, and managed it. Created adverts and designed graphics for the group, worked on the company mobile apps and websites
- Created social media marketing platforms and online business and adverts
- Developed PR platforms and partnerships with celebrities and music artists and responsible for Customer Experience and Management.

PERENDALE SYSTEMS, _Harare, Zimbabwe_
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Operations Manager | Aug 2008 – Jan 2014
- Started a network with the mining sector in Zimbabwe and the banking sector in Zimbabwe and consulting.
- Created a computer networking department for the company and information technology consulting for small businesses
- I started a national technical department and covered national operations for 36 months
- Responsible for my technical team,

HANDS-ON COMPUTERS, _Harare, Zimbabwe_
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Hardware and Web Development | Jan 2007 – June 2008
- Created a Web Development Department.
- Started a dedicated customer response team
- Worked in Windows, Linux, and Mac OS installations and software troubleshooting and responding to customer queries.
- Worked on Laptop and tablet repairs and software installations

GLOBAL COMPUTER LINKS, *Harare, Zimbabwe*
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Computer Hardware Technician | Feb 2005 – Dec 2006
- Computer Assembling a local brand.
- Worked with local schools building custom PCs.
- Worked at Global computer links for 12 months 18 hrs a day
- Worked on windows, Unix, Linux, and Mac OS installations

MACMAINE SCHOOL OF COMPUTER
Mentor (Volunteer) | Jan 2002 – Dec 2005
- Mentored junior hardware technicians and reviewed assembled machines.
- Mentored junior web developers, providing technical support through code reviews.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program.

NATIONAL FOODS (TIGER BRANDS), *Harare, Zimbabwe*
Filing and Data Capturing (Inten)| Jan 2004 – Dec 2004
- Introduced an internal mailing System
- Taught my department how to use computers.

EDUCATION

KrakenD - KrakenD Certification| Nov 2024

KrakenD Certification

- Install & Run
- Configuration
- Routing and Forwarding
- API Documentation and Dev Tools
- Request and Response Manipulation

Google - Coursera | Mar 2024

Foundations for Project Management

- Project Management
- Change Management
- Strategic Thinking
- Career Development
- Organizational Culture

Udemy | Jan 2024
SEO: Write an SEO Optimized Articles in Less than 10

- Create a web design brief
- Content prioritization in web design
- Create a website sitemap

Udemy | Dec 2023
The Scrum for Scrum Master and Agile Projects

- Create a web design brief
- Content prioritization in web design
- Create a website sitemap

Udemy | Dec 2023
The Website Blueprint - Planning for Website Project

- Create a web design brief
- Content prioritization in web design
- Create a website sitemap
- Wireframing for web design

Udemy | Nov 2023
Amazon Web Services - Learning Implementing AWS Solutions

- Learn how to do an end-to-end implementation of Amazon Web Services AWS
- Get a head start in the complex AWS technologies of modern-day IT

MICROVERSE | August 2020 – September 2021
Remote Full Stack Web Development Program, *Full-Time*

- Spent 8 hours a day developing projects with Ruby, Rails, JavaScript, React, and Redux.
- We are remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.
- Use Jira and the Mira boards for meetings and retros

Macmaine School of Computers | Jan 2002 – Dec 2006
Diploma, Concentration
- A+ Hardware and Network +
- Web Development.

GLOBAL COMPUTER LINKS | Jan 2000 – Dec 2001
Certificate, Concentration
- Computer basics.
- **Certification.**

SKILLS

Languages: Python, C#, Java, Ruby, JavaScript (ES6+), TypeScript, React.js, Vue.js, Angular

Frontend: React.js, Redux, React Native, Next.js, Angular, Vue.js, Material UI, Tailwind CSS, Jest, Mocha, Enzyme

Backend: Node.js, Express.js, Nest.js, Django, Flask, FastAPI, Spring Boot, Ruby on Rails, MySQL, PostgreSQL, MongoDB, Redis, REST, GraphQL, JWT, OAuth2, Kafka, RabbitMQ

DevOps & Cloud: AWS, Azure, GCP, GitHub Actions, Jenkins, Docker, Kubernetes, Grafana, ELK Stack, Terraform

Others: GitHub, TDD, BDD, HIPAA, GDPR, TensorFlow, PyTorch, LLM, NLP, ETL, KrakenD