

Nathan Katshi

Experienced software engineer with a focus on building engaging & accessible digital experiences.

Relevant Experience

Lead Engineer • Shaba Industry – Oct 2022– Present

Product Development Manager – Jan 2022 – Oct 2022

- Build, style, and ship high-quality websites, design systems, mobile apps, and cross-platform digital experiences for a diverse array of clients using technologies such as JavaScript, TypeScript, React, CSS, WordPress, Prestashop, and more
- Lead the development and architecture of technical tools like content management systems, REST APIs, and continuous integration pipelines to fulfill business requirement
- Work alongside product & project managers, designers, and other engineers to transform creative concepts into refined digital experiences at an agile cadence
- Provide leadership within engineering department through close collaboration, building tools to improve developer experience, and mentorship
- Spearhead companywide accessibility initiatives such as creating documentation for best practices, establishing a standard accessibility checklist for developers, and facilitating knowledge shares

Systems Engineer • CIC Global – May 2021 – Jan 2022

Project Specialist – Oct 2020 – May 2021

- Designed, deployed, and maintained mission-critical applications in the cloud, ensuring HA, scalability, and security for diverse enterprise environments. Utilized cutting-edge technologies such as AWS to build robust infrastructure that supported seamless operations and rapid deployment.
- Led the development and implementation of comprehensive web and mobile applications for a wide range of clients, leveraging frameworks like React, Next, Bootstrap, Vue.js, and Flutter. Architected and optimized backend systems, including databases and ERPs, to ensure efficient data flow and integration.

Network & Systems Engineer – BRASIMBA – Jun 2017 – Aug 2019

- Led the complete redesign of the corporate network at Lubumbashi HQ and upgraded branch networks by migrating the HQ and 12 branches across the country to a Cisco DMVPN infrastructure (Single-Hub Dual-Cloud over MPLS L3 VPN), optimizing network performance and security.
- Drafted, implemented, and enforced the company's IT security policy.
- Managed company servers, databases, and clusters in a Microsoft environment, ensuring high availability, performance, and security through regular maintenance, updates, and monitoring.

Network Technician – Trust Merchant Bank – Sept 2016 – Mar 2017

- Handled network implementation, including LAN cabling and configuration of routers and switches. Deployed Windows and Linux servers, configuring essential network services such as DHCP, FTP, and NAC.
- Provided technical support to end users, resolving tickets both on-site and remotely.

IT Support – Freeport-McMoRan, TFM – Sept 2014– Apr 2015

- Performed maintenance and upgrades for computers and printers, including preventive maintenance and software updates. Built computers based on specific requirements before deploying them to end users

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Skills

Programming Languages

JavaScript, TypeScript, Python, PHP, MySQL, HTML, CSS

Librairies & Frameworks

React, Next.js, Node.js, React Native, Tailwind CSS, Sass, Styled Components, Bootstrap, Vue.js, jQuery, REST, GraphQL

Tools & Platforms

Git, Github, Netlify, Vercel, Wordpress, Prestashop, Firebase, Supabase, Docker, Webpack, Figma, Canvas, Photoshop, AWS

OS & Servers

Linux, Windows Server, MacOSX

Selected Projects

The Ware House

Website for Ware House, a premier restaurant and night-club build with React, Node.js and Bootstrap

Mexco SAS

User friendly web portal for Mexco SAS, a leading mining equipment rental company

Katshi.dev (v1)

Old personal website built with HTML, SaaS and Javascript

Education

Katanga Methodist University

Bachelor of Science in Network Engineering and Systems Administration

Cisco Networking Academy

CCNP ENCOR, CCNA Security, CCDA

Interests

Accessibility, Filmmaking, Editing, TV Shows, PC Gaming