

# Thomas Zvitambo Jindu

Senior Software Engineer with a focus on  
Backend development using NodeJs, TypeScript

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## TECHNICAL SKILLS

JavaScript (7 years of project experience) | TypeScript (4) | React.js (5) | Node.js (4) | Next.js (2) | Redux (4) | Angular v8 (5) | JQuery (6) | Jest (3) | Enzyme (3) | Vitest (1) | Python (3) | Django (3) | C# (5) | OOP (6) | REST API (6) | GraphQL (2) | MongoDB (4) | SQL (6) | Firebase (2) | DDD (5) | AWS (2) | Azure (2) | CI/CD (2) | Microservices (2) | Docker (2) | Linux (5) | Nginx (2) | Scrum/Agile (6) | Git (5) | Confluence (4)

## WORK EXPERIENCE

06/2023 – today

### Full Stack Engineer

**Bloomwell Algeacare**, Frankfurt am Main, Germany

**Project:** Patient Platform - Alternative medication platform linking patients with doctors with face to face and video appointments.

- Developing new microservices for payments, billing, identities management using Typescript, React.js, Node.js, AWS, IAC, and serverless functions as part of an agile team of 12.
- Working on the patient vetting service using custom workflows for vetting patient's acceptance into the alternative medicine program, targeting at cutting vetting time processes by 50%. Extending the identity service to sync patient data with appointment CMS/medical management systems.

**Tech used:** React.js | TypeScript | Node.js | Serverless Functions | AWS | Azure | Terraform | Infrastructure As Code (IAC) | GitHub | GitHub Actions | DynamoDB | Confluence | Jest | Cypress | DynamoDB | AuroraDB | ReactQuery | Formix | Auth0 | Kubernetes | Docker.

08/2021 – 05/2023

### JavaScript Software Developer

**Future Ready**, Zurich, Switzerland (Remote)

**Project:** Future Ready - Swiss digital business school startup offering training targeted at the Zurich business community.

- Developed the web platform with Wordpress, PHP, JavaScript, SQL and a Ninex backend. Built custom plugins and shortcodes for functionality (program registration, program/location filtering, recurring event scheduling), thereby providing economic viability as it saved over 1.000+ CHF in annual subscriptions for plugins.
- Improved data model design for relations between programs, dates, locations and integrated payment plugins (WooCommerce).

**Tech used:** JavaScript | JQuery | Wordpress | PHP | SQL | REST API | Ninex.

07/2020 – 11/2022

### Full Stack Javascript Developer

**MikaExpress**, Lusaka, Zambia

**Project:** MikaExpress - Lusaka-based e-commerce platform for consumer products in Zambia and Tanzania with 6M+ users and 10K+ merchants.

- Built new microservices and adding functionality to existing microservices using React.js, Node.js, Python, Django, AWS & Azure in a Scrum team of 3.
- Created the merchant service from scratch which is a portal optimized to handle concurrent processes by multiple merchants for product cataloging. Designed the content delivery network strategy using AWS & Azure for media uploads, leading to 10% faster upload and 15% faster page load time,

- Integrated new mobile payment gateways which led to 12% online payment increase. Added the logistics service scheduling module for deliveries and pickups from merchants, leading to a 20% increase in signups.

**Tech used:** React.js | Node.js | AWS | Azure | Django | Confluence | Jest | MariaDB | MongoDB | Nginx | JavaScript | REST API | Next.js | TypeScript | Git | Redux | Docker.

01/2016 – 06/2020

### **Full Stack Developer / Tech Lead**

SpectrumITS, Harare, Zimbabwe

**Project:** Health Management System - Cloud-based SaaS for managing end-to-end medical aid membership w/ 20K+ daily logins (700K members).

- Led an agile team of 8 developers (18 worked on the project), migrating the company's legacy flagship product (Health Management System) to latest tech (React.js, Angular, Blazor, Node.js, AWS, REST API), easing deployment and services regarding subscriptions and claims
- Replaced SOAP services with REST API and developed/exposed new endpoints for intro of new mobile app platforms as part of the upgrade (result: increased membership by 30% over 18 months).
- Developed the UI from a traditional web app (asp.net) to SPA architecture using Angular, later React.js which became focal point of the rebranding strategy. Migrated the billing module to a microservice architecture and cut billing process time by 30% by incorporating data structure best practices.

**Tech used:** JavaScript | Node.js | React.js | Angular v8 | REST API | Blazor | AWS | Microservices | TypeScript | Git | C# | VB.net.

**Project:** Pensions Management System (PenAd) - Cloud-based SaaS for pension fund management on membership, claims and payouts used by local authorities in Zimbabwe (2M+ members with 5K+ daily logins).

- Worked in an agile team of 5 developers developing two microservices using Node.js, AWS, REST API and React.js. Built the life certificate verification microservice which uses biometric scanning.
- Developed a document microservice which introduced e-signing into the platform, custom workflows and cloud storage options. Service is now marketed on its own as a document management platform.

**Tech used:** Node.js | React.js | JavaScript | AWS | REST API | Microservices | Jest | TypeScript | Git | C# | VB.net.

08/2014 – 12/2015

### **Software Developer**

Easy Accounting, Bulawayo, Zimbabwe

**Project:** Sales Management System - a CRM for managing all sales process stages used by the two major telecoms providers in Zim.

- Integrated endpoints and performed system optimization using REST API, SQL. Created automated background jobs for aging reports.
- Improved system performance by analyzing queries causing bottlenecks and applied tuning techniques including indexing and re-writing stored procedures. Implemented remote tools that decreased support costs by 40%. Also built/documented REST APIs for integration with other CRMs.

**Tech used:** REST API | SQL Server | C# | JavaScript | VB.net

## **EDUCATION**

08/2011 – 11/2015

Bachelor of Science Honors Degree in Computer Science  
National University of Science and Technology, Bulawayo, Zimbabwe

## **HOBBIES**

Basketball | Gaming | Soccer