TATENDA MARUFU

Senior Software Engineer | Agile Development | Software Architect

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🔗 https://tatendamar.github.io/profile/ 📍 Harare, Zimbabwe

SUMMARY

Enthusiastic software engineer with over 7 years of experience with extensive knowledge in creating and executing innovative software solutions, specialised in Frontend and Backend development, micro-frontend architecture, and Agile methodologies. Demonstrated ability to innovate and drive successful project outcomes from concept through to development and delivery

EXPERIENCE

Lead Software Engineer

Ecocash Holdings 📅 04/2020 - Present 📍 Harare, Zimbabwe

- Directed a team of 10 developers to design and implement micro-frontend in Angular using Nx Monorepos with state Management and Standalone Components, with a focus on modularity and reusability, leading to a 30% reduction in code duplication.
- Design, develop, and maintain modular and reusable React, Typescript, Hooks and Redux components within a micro-frontend archicture.
- Implemented robust security practices in react and angular web applications development that decreased vulnerability exposure by 50% in our software releases.
- Designed CI/CD pipelines using Docker, Docker Compose and Jenkins, which reduced deployment time by 50%, and facilitated frequent feature releases.
- Introduced React Vite framework and Webpack 5 in several key front-end projects, resulting in increased user satisfaction scores by 20%.
- Drove process improvements in the Agile development cycle that heightened team productivity by 35%, delivering projects on an average 15% ahead of schedule.
- Strong Knowledge NodeJS and backend frameworks(ExpressJS), databases(MongoDB, MYSQL and PostgreSQL)
- Developed and maintained serverless applications using AWS Lambda and ExpressJS rsulting in a 30% reduction in infrastructure costs
- Experience in configuring and managing Amazon Cloud Services,EC2,S3,EBS,ELB,Elastic IP, RDS,SNS,SQS,Glacier,iAM,VPC, Cloud Formation,Lambda,Cloud Front, Route53,Cloud Watch,

Software Engineer

Ecosure 📅 01/2018 - 03/2020 📍 Harare, Zimbabwe

- Led the development of a scalable Multi-Tenant Monorepo Architecture using Angular 15 and Nx, which handled multiple insurance projrcts for five different countries(Lesotho, Ghana, Burundi, Botswana and Zimbabwe)
- Authored comprehensive documentation that increased team efficiency by facilitating knowledge sharing.
- Instigated TDD practices that improved code quality and decreased post-deployment bugs by 70%

Software Developer

uncommon 📅 02/2016 - 11/2018 📍 Harare, Zimbabwe

- Led a mentorship program for people with no software development background to beginners.
- Engaged in code reviews and pair programming, ensuring high coding standards and shared best practices.

STRENGTHS

👥 **Team Productivity Leadership**
Led Agile process improvements that increased team productivity by 35% within the team.

✔ **Insurance Platform Success**
Led the Angular-based insurance project that successfully processes over 200K transactions monthly at Ecosure.

🏆 **Migrated Enterprise System to Micro-Frontend**
Successfully led the migration of a monolithic system to micro-frontend improving maintainabilty and scalability

SKILLS

CLIENT-SIDE

JavaScript TypeScript React

Angular 17 RxJS MFE-Architecture

Webpack 5 Angular & React Micro-Frontend

NX Module Federation Nwrl Framework

Ngrx Redux

SERVER-SIDE

NodeJS Python Flask HTTP/2

PostgreSQL MySQL MongoDB

AWS AWS Lambda Microservices

Delelopment & Operations

Docker Docker Compose Jenkins

GIT Gitlab CI/CD Agile Mocha

Jest Version Control Linux

PASSIONS

💎 **Technical Mastery and Continuous Learning**