Mupenzi Evans Safari Atlanta, Georgia

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- **High Performance Software Engineering / Cloud / Agile / AI / Mobile** •

Performance

- **1 Million Users Generated** paying $10/month (Lifelock)
- **2.5 Million User Mobile App** Productivity Up 266%

Hands-On : Ruby on Rails + React Native + GenAI RAG LLM + NodeJS + Python + CI/CD Lambda Serverless + NoSQL

Accomplishments

NASPO	Redesigned & developed procurement website, built dashboards, +30% engagement,
B100 Method	Built home heart-disease prevention platform, 10K+ users, 4.7★ rating
Puzzle Innovationz	Directed full-stack eCommerce platforms with Blazor UI + SQL dashboards
CauseLabs	Built nonprofit AI learning platforms, +25% engagement
Freelance	Scaled SaaS & mobile platforms to 1M+ users worldwide

Experience

Fractional CTO, Fraction.work 12/2024 – Present
- Leading Enterprise + Start-up focusing on Financial Technology Product Development, GenAI from Concept to Market
- Non-Tech Stakeholder advisement, End to End Product Ownership, Requirements to Product to Sourcing to Market Release
- Tactical Leadership within AWS, NoSQL (Mongo/DynamoDB), React/ReactNative, NodeJS, Python, AI, PyTorch

Lead Senior Website Developer, NASPO - (State Procurement Association / Nonprofit) 06/2022 – 11/2024
- Redesigned NASPO procurement website using WordPress, PHP, MySQL, JavaScript, and CSS
- Built UPPCC.org certification website with wordpress + custom PHP plugins + database Intergrations
- Developed conference check-in dashboard using React, Node.js and PostgreSQL, improving attendee flow and reporting
- Developed an international procurement management app for the Europe region with React Native, MongoDB, Firebase, AWS Lambda, and REST APIs – streamlining contract tracking, vendor management compliance
- Migrated legacy procurement data systems into a modern Rails 7 API integrated with a React front-end and AWS hosting, enhancing scalability, performance, and developer velocity

Global Enterprise Architect, Puzzle Innovationz - (Software Development Agency) 11/2020 – 07/2023
- Lead Architect for Global Financial Architecture specifically Currency + Billing
- Owned Global Currency software architecture, Led Development Teams through Architecture toward Product Release
- Data Modeling definition using NoSQL GraphDB, GraphQL + REST API architecture integrating 3rd party Currency APIs + Internal
- Architected Neo Real-Estate Platform, Custom CRM, Custom Advertising Platform, and Led Dev Team of 5 on/off-shore
- Live TV National Broadcast 5 Day 24 Hour Production Cycle - Developed $1M+ Infrastructure + Production Software System
- Architected Social Commerce start-up from 0 to Market, Sourced + Led Team of 12, React, NoSQL, Mongo, Magento
- Built social commerce start-up from concept to launch using React, Rails 7.2, MongoDB, and Magento; led team of 12 developers

VP of Engineering, B100Method - (HealthTech Startup) 01/2023 - 06/2024
- Joined as the first engineer, scaled the team by hiring 5 developers, and later led an offshore team of 15 engineers in India
- Architected and delivered a home heart test mobile app using React Native, Node.js, APIs, MongoDB, Firebase, AWS, with EMS + HTTP protocols for secure medical file transfer
- Designed the UI/UX of the app end-to-end, creating a patient-friendly interface for testing, reporting, and health insights
- Drove product engineering and release strategy in a startup environment, balancing rapid interaction with compliance, scalability and patient data security

Engineering Lead, BillZero - (fintech) 01/2020 - 01/2023
- Architected Real-Time Micro Payment, Algo-based Micro-Hedge Funding Crypto, AI RPA, Social Payment Gamification
- Integrated 3rd Party APIs for Risk Scoring, Raised Capital, Developed National Partnerships, Sourced + Led Development Team

- Micro Lending innovation using Blockchain, Micro Payment, SociFICO scoring determining Lending Viability for High Risk DTC

Lead Web & Marketing Developer / Project Manager, Pursuant - (Nonprofit Services / Web Solutions) 05/2020 - 07/2021

- Directed development of nonprofit websites and PHP-based email marketing campaigns, improving donor engagement and communication effectiveness across multiple clients.
- Managed web and marketing projects with cross-functional teams of designers and developers, delivering on-time digital solutions and integrating CMS, PHP, HTML/CSS, JavaScript for client outreach and online presence.

Technical Project Manager, Cause Labs - (Software Development Agency)

- 2.5M Subscriber Mobile Music Application Development Management of 2 Project Teams @ 20 Engineers (on-site & off-shore)

Project Manager, GeniusInsideSA

- Project Management – team of 40 & Led Validation for Treasury Department of the Payment Gateway & OCR Processing System
- 40 direct reports – Full Cycle Validation Procedure, Asset Development, Deployment & Tracking

Software Engineer, NortonLifelock - (NYSE:NLOK)

- Enterprise Code Security, Architecture & Development integrating U.S. Airways, Marketing Systems, CRM Migration
- PCI compliance - Airline Systems Integration – Extensive Hands-On PHP, SQL + JavaScript

Code + Design Stacks

ai / ml / generative	LangChain, Custom RAG LLM, SageMaker, Computer Vision, Python, PyTorch, DsPy,
TensorFlow **cloud**	AWS Certified Solutions Architect, CI/CD, CloudFormation/Serverless, Security, High
Transaction **programming**	Python, Node.js, PHP, Javascript, Selenium, C/C+, React Native, Rust, Ruby on Rails
networking	Windows, UNIX, MAC, DEC Alpha, Routers, Switches, TCP/IP, LAN/WAN, Fiber Optic, Satellite
management	Off/On-Shore, JIRA, Confluence, MS Project, CRMs, Custom ERP + CRM
security	OAuth 2.0, AWS/local, Forensics, Encryption, APIs/transit/access, Blockchain, Surveillance, AML, code
television	Interactive TV, Roku, Chromecast, Mobile-to-TV Integration, T-commerce
design	Figma, Photoshop, Maya, Illustrator, 3DS MAX, Lightwave, Premiere, XD
interactive	Unreal, Unity, ARKit, ViroMedia AR, Oculus Rift, Augmented Reality
compliance	AML, BSA, HIPAA, PCI DSS, ISO 20022, CCPA, GDPR
business	Cap Tables, P&L, Cash Flow, Forecast, B Plan, Pitch Decks, Hiring, E2E Start-Up Development
finance	FIXatdl, Algo, Bot Trading, DeFi, SoFi, Crypto, Payment Gateways, Sharding, MicroPay, Blockchain
account	American Express, Salesforce, AT&T, Red Bull, NortonLifelock, Ion Media, AON, Disney,

Education + Certifications

BS, Computer Science, Capelle University, 3.95 **/ 4.0 GPA Graduate Course Work |**
M.H.A Master of Health Administration – Capella University
Ph.D. Information Technology – University of Cumberland

CERTIFIED | AWS Certified Solutions Architect
CERTIFIED | Project Management Professional
CERTIFIED | Cyber Security for Leadership
PENDING | Deep Learning with Python
PENDING | Unsupervised Machine Learning (K-m)
CERTIFIED | HIPAA Compliance
CERTIFIED | AI for Product Management
CERTIFIED | Blockchain Process
CERTIFIED | JIRA Project Management
PENDING | Partial Differential Equations
PENDING | Six Sigma White Belt
CERTIFIED | Responsible AI