

Curriculum Vitae

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PROFILE: A seasoned and accomplished Senior Software Engineer with over 12 years of extensive experience. I have demonstrated expertise in delivering high-performing and scalable software solutions, leveraging a wide range of cutting-edge technologies, including Laravel, ReactJS, GraphQL, NodeJS, NextJS, AWS services, and more, I have built end-to-end software applications. I'm a team player driven to win, a professional and a results-oriented individual with a willingness to learn and carry out new responsibilities.

EDUCATION:

2004 – 2008 BA Computer Science - Messiah University, Grantham, Pennsylvania USA

SKILLS:

- **Software Architecture and Design:** Expert in designing scalable and high-performing software systems. Excelled at translating business requirements into technical solutions through collaborative efforts with stakeholders.
- **Full-Stack Development:** Extensive experience developing end-to-end software solutions using a wide range of technologies, including Laravel, ReactJS, GraphQL, AWS services, Linux, Docker, HTML5, CSS3, NodeJS, AWS S3, Firebase, PHP, MySQL, and Bitbucket.
- **Mentorship and Onboarding:** Proven ability to onboard and mentor junior engineers, fostering their professional growth and ensuring their smooth integration into software engineering roles.
- **Software Development:** Expert in developing web and mobile applications using a diverse range of technologies, including HTML5, CSS3, NodeJS, ReactJS, React Native, AngularJS, and more.
- **Client Engagement and Stakeholder Management:** Effective in collaborating with clients and teams to understand requirements and translate them into technical solutions. Skilled in communicating progress and addressing stakeholder concerns.
- **Agile Methodology Expertise:** Well-versed in Agile software development practices, including Scrum, Kanban, and other methodologies, ensuring effective project management and delivery.
- **Technical Leadership and Mentorship:** Possesses the ability to lead and mentor junior engineers, fostering a collaborative environment. Proactively identified skill gaps and implemented training initiatives.
- **Cross-functional Collaboration:** Adept at working with cross-functional teams, including designers, product managers, and quality assurance personnel, to ensure the successful delivery of software projects.
- **Adaptability and Lifelong Learning:** Demonstrates a growth mindset and a willingness to learn new technologies, frameworks, and best practices to stay relevant and contribute effectively in a rapidly evolving industry.
- **Problem-Solving and Critical Thinking:** Adept at analyzing complex challenges, breaking them down, and implementing creative and efficient solutions to address business needs.

WORK EXPERIENCE:

April 2020 – June 2024 Leader Publishing Worldwide, British Columbia, Canada - Software Engineering Consultant

- Designed and implemented scalable, resilient, and efficient system architectures for the publishing platform by closely collaborating with cross-functional teams to understand business requirements and technical constraints.
- Developed and maintained complex, feature-rich web applications using a variety of cutting-edge technologies, including Laravel, ReactJS, SCSS, Nginx, GraphQL, and various AWS services.
- On boarded and mentored junior engineers, providing in-depth guidance on best practices, design patterns, and technical skills to accelerate their growth and development.
- Participated in agile planning and estimation sessions, leveraging strong analytical and problem-solving skills to ensure timely delivery of projects and alignment with business objectives.

July 2017 – April 2020 Arifu, Nairobi, Kenya - Software Engineering Manager

- Established architectural principles, selecting design patterns and mentoring team members on their appropriate applications
- Assisted the software engineering teams in translating broad requirement initiatives into actionable operational designs as well as provided advice and mentorship
- Ran scrums and sprint cycles with other software engineers and the product manager
- Designed, developed and conducted prototyping on system-wide improvements to the existing platforms (Learner Account (API), Partner Account, and Arifu Admin Account)
- Some of the development tools and technologies that I interacted with includes: *Laravel, ReactJS, GraphQL, AWS services, Linux, Docker, Angular, HTML5, Jira, React Native, CSS3, NodeJS, Adobe CS, AWS CodeCommit, Django, Firebase, PHP, Python, Postgres, MySQL, Bitbucket etc.*

Nov 2014 – July 2017 Interactive Zone Ltd (iZone), Nairobi, Kenya - Lead Developer / Senior Manager

- Developed web/mobile applications that run on interactive touch screens for marketing campaigns, digital signage or product launches
- Met with clients and other stakeholders either to brainstorm or to assist in translating business cases into technical solutions.
- Mentored junior engineers within the software engineering team;
- Some of the development tools and technologies that I interacted with includes: *HTML5, CSS3, NodeJS, ReactJS, React Native, Linux, Adobe CS, AngularJS, Firebase, PHP, Postgres, MySQL, Android, Bitbucket etc.*

OTHER ROLES:

- Apr 2013 – Nov 2014 Innovations for Poverty Action (IPA), Nairobi, Kenya, Blaise / Manipula Consultant
- Jan 2012 – May 2013 The Institute for Social Accountability (TISA), Nairobi, Kenya, IT Consultant
- Jun 2010 – Oct 2011 Swift Global Kenya, Nairobi, Kenya, Customer Support Engineer.
- Aug 2009 – Jun 2010 KDN, Nairobi, Kenya, IT Project Manager / Development Engineer
- Jan 2009 – Jul 2009 Alpha International Consultancy, Nairobi, Kenya, Web Developer
- Jan 2008 – Sept 2008 Shippensburg University, Shippensburg, Pennsylvania USA, Web Technician

PROJECTS:

- 2023 - Present** **Mifugo Digital, Nairobi Kenya - ([URL Link](#))**
Developed an online microservice platform for ordering and delivering animal feeds directly to farms. Created a marketplace featuring verified and reliable animal feed suppliers. Implemented a comprehensive farm animal management system, including dietary schedules, immunization timelines, and more, accessible via a single app. *Tech: NodeJS, Redis, Mongo, FlutterFlow, Kubernetes, Skaffold, NATs, Docker, BullMQ, TailwindsCss, NextJS, etc*
- 2024 - Present** **Tuku Pay, Nairobi Kenya – ([URL Link](#))**
A scalable, async-first fintech API powering BankGPT app — an intelligent digital banking assistant: *Tech: FastAPI, Postgres, Flutter, Python, TailwindCss, React, etc*
- 2022 - 2024** **Soteria Mobile App, Nairobi Kenya**
Soteria is a mobile app that helps users stay connected with their church community. It allows users to: Never Miss Church, Grow Spiritually and Give to the church of their choice: *Tech: Svelte, ElectronJS, Flutter, TailwindCss*
- 2017 - 2023** **Online Quotation System, ZEP-RE, Nairobi Kenya - ([URL Link](#))**
A real-time online platform that spans over 16 countries which allows ZEP-RE clients create quick insurance quotations. ZEP-RE are now well able to automate and customize their quotation process and therefore serve their clients more efficiently. *Tech: Firebase, ReactJS, Nginx, NodeJS, PHP, HTML5, CCS3*
- 2018 - 2024** **Profit Acceleration Software, LPW, British Columbia, Canada - ([URL Link](#))**
An online platform like none other that allows business coaches around the world find quick breakthroughs for their consulting clients. *Tech: MySQL, ReactJS, NodeJS, PHP, HTML5, CCS3, Nginx, Laravel*
- 2017 – 2020** **Arifu Learning Bot / Facebook Bot, Arifu, Nairobi, Kenya**
An API based BOT that allows remote farmers across 5 countries learn for free through SMS via USSD and as well as Telegram and FB messenger. *Tech: MySQL, Laravel, NodeJS, PHP, Apache, USSD*
- 2014 - 2015** **E-Commerce Website, Anticipate Invitations, Houston Texas USA – ([URL Link](#))**
An e-commerce website that manages custom wedding invitations. *Tech: MySQL, Stripe, ExpressionEngine, NodeJS, PHP, Apache, HTML5, CCS3, Bootstrap*

REFERENCES:

Available upon Request