

David Amunga

Senior Software Engineer
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Work Experience

Senior Frontend Engineer, Piedmont Global - Feb 2025 – * - Nairobi, Kenya

- ⇒ Developed and maintained a comprehensive React frontend for the core enterprise platform serving interpreters, clients and schedulers.
- ⇒ Owned the complete user experience flow from onboarding to billing giving clients a reliable experience in requesting interpretation services

Frontend Engineer, Patrium Health (Contract Remote) - July 2024 – Feb 2025 - Santa Monica, US

- ⇒ Led mobile platform development with Expo and TailwindCSS, reducing MVP development timeline by 30%
- ⇒ Built foundational documentation and component libraries that cut new feature development time from 1 week to 2 days

Senior Frontend Engineer, Echo Mobile - July 2022 – May 2024 - Nairobi, Kenya

- ⇒ Rebuilt the enterprise product to use modern frontend architecture, a fresh design system helping the team meet growing customer expectations 6 months ahead.
- ⇒ Engineered custom onboarding workflows that shortened time to value for new users from 2 weeks to a week.
- ⇒ Set up core deployment and testing baselines, cutting off a 10 minute manual QA checklist on releases that added the team focus towards feature delivery.

Mobile Android Engineer, VirtualCity Ltd - July 2021 – July 2022 - Nairobi, Kenya

- ⇒ Built key integrations with Hardware IOT Devices to enhance compatibility with Clients' existing setups.
- ⇒ Refactored a major part of the flagship Android application, improving app performance from 62% crash free sessions to 90%
- ⇒ Implemented an efficient Cache and Network Database policy to result in an Offline-First mobile application suited to customer needs.

Software Engineer, Identigate Integrated Solutions - Jan 2019 – July 2022 - Nairobi, Kenya

- ⇒ Rebuilt the core enterprise application to a lean clean architecture that led us to iterate on major product features quicker within a week.
- ⇒ Built core CI/CD pipelines for product releases that saved engineering time to deliver product features.
- ⇒ Implemented an internal reporting dashboard for the team that gave direct observability on essential product metrics.
- ⇒ Developed strategic tools that complemented core platform features that led to higher activation and retention for the highest product tier offering.

Frontend Developer, HP Research Lab – Jan 2018 - Dec 2018 – Nairobi, Kenya

- ⇒ Developed a lightweight reusable component library and design system that shortened prototyping of product workflows from a week to 3 days.

- ⇒ Led the frontend development for enterprise applications using React and TypeScript
- ⇒ Developed interactive embedded custom data visualization dashboards using Metabase that helped key stakeholders define key product metrics to track and deliver to leadership.

Awards:

- ⇒ Won the Code for Impact award during Nairobi Tech Week 2018 for building [Groupeth](#), A decentralized crowdfunding system using Ethereum .
- ⇒ Won the LawyerHub and iLab Incubation award during Nairobi Tech Week 2019 for building [SemaPesa](#), MPESA Payment Requests using an Alexa Echo Device
- ⇒ Participated in the [Giza Hackathon](#) hosted by Hover in 2020. Built [BundlePesa](#) an Android used to buy Safaricom No Expiry Voice/Data bundles.

SIDE PROJECTS

[mpesa2csv.com](#) - Free Offline Desktop Tool to convert Mobile Money Statements to CSV/Excel files

[screensaver.so](#) - Beautiful Desktop Screensavers for Mac

[pesaqr.com](#) - Generate M-PESA Payment QR Codes for all Kenyan businesses instantly

[calckkenya](#) : Free tool to calculate Taxes,Salaries,Conversions and Metrics in Kenya

[stima.app](#) - Free Electricity Bill Tracker for KPLC Prepaid Meters

[simtray.app](#) - Global Direct Dial Directory of 1000+ USSD Codes

[sgrcheck](#) - Check SGR Train Seats Availability

OPEN SOURCE

[mpesa2csv.com](#) - Free Offline Desktop Tool to convert Mobile Money Statements to CSV/Excel files

[GitWrapped](#) - Get High level statistics off any local Git repository

[GitMeProfile](#) - A Github Stats Visualizer Tool

[Talos Dark](#) - A Neat Dark Blue Visual Studio Code Theme

[HTML Email Templates](#) - Minimal Responsive HTML Templates for Developers

EDUCATION

2018 B.Sc, in Informatics, Strathmore University

- ⇒ Built a project on a fitness tracker android application that interfaces with an Android Wear Device.

TECHNICAL SKILLS

React,NextJS,Typescript,Redux,NestJS,Golang,TailwindCSS,Express,Firebase,PostgreSQL,Java,Kotlin,Amazon Web Services, Figma, NextJS,React Native,VueJS,Github Actions,Azure Devops,AWS Lambda,Drizzle