

David Amunga

Senior Software Engineer
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Work Experience

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

- ⇒ Led complete rebuild of product on modern NextJS architecture, incorporating TailwindCSS styling which improved UI design aesthetics resulting in higher customer satisfaction scores (35%)
- ⇒ Built better onboarding workflows that reduced 30% of onboarding time for new users.
- ⇒ Established lean modern frontend best practices leading to better onboarding time for new engineers and product transparency across the entire team.

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

- ⇒ Developed new Features for Flagship Android application used on Phones and Tablets
- ⇒ Built key integrations with Hardware IOT Devices to enhance compatibility with Client's 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 – present - Nairobi, Kenya

- ⇒ Led the development and the redesign of the core enterprise Android application called [Soja](#).
- ⇒ Built Custom Onboarding workflows suited enterprise customers resulting into 30% better platform adoption.
- ⇒ Built strategic premium tools that complemented core platform features improving retention rates for enterprise users.

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

- ⇒ Part of the front-end engineering team of clients' React web application.
- ⇒ Led the development of clients' Android applications.
- ⇒ Developed & maintained reusable React components repository.

Web Developer, Tatu Creatives Ltd – Jan 2016 – Jul 2016 – Nairobi, Kenya

- ⇒ Developed client websites using HTML, CSS and Javascript.

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

[pesagr.com](#) - Generate M-PESA Payment QR Codes for all Kenyan businesses instantly
[cucopy.com](#) - Scan and Copy CU Invoice Numbers from Kenyan Tax Invoices
[calckeny](#) : Free tool to calculate Taxes,Salaries,Conversions and Metrics in Kenya
[stima.app](#) - Free Electricity Bill Tracker for KPLC Prepaid Meters
[simtray.app](#) - Direct Dial Directory of 1000+ USSD Codes
[tweetblockpro.com](#) - Chrome Extension to hide all posts from select twitter handles
[qrbarcodetools](#) : Free Web App that generates Bulk QR and Barcodes in an instant.
[bettersearch](#) : Chrome Extension that provides additional search options straight from your Home page.
[bundlepesa](#) : Free Web Tool to Buy Airtime/Data from Safaricom Carrier Faster than typing USSD Codes.
[sgrcheck](#) - Check SGR Train Seats Availability

OPEN SOURCE

[GitHistory](#) - 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

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

TECHNICAL SKILLS

React,NextJS,Typescript,Redux,NestJS,TailwindCSS,Express,Firebase,PostgreSQL, Java,Kotlin,Amazon Web Services, Figma, NextJS