

# David Amunga

Senior Software Engineer  
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## Work Experience

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

- ⇒ Rebuilt product to use modern frontend architecture and a fresh design system that boosted customer satisfaction and team productivity.
- ⇒ Built better onboarding workflows that shortened time to value 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

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

## OPEN SOURCE

[GitHistory](https://github.com) - Get High level statistics off any local Git repository  
[GitMeProfile](https://github.com) – A Github Stats Visualizer Tool  
[Talos Dark](https://github.com) – A Neat Dark Blue Visual Studio Code Theme  
[HTML Email Templates](https://github.com) - 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