GRACE FRANK

Snr. Software Engineer

CONTACT DETAILS

📍 Maryland, Lagos, Nigeria.

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🌐 https://gracefrank.tech

PROFESSIONAL PROFILES

in linkedin.com/in/gracefrank

⊙ github.com/gracefrank

◆ graceydev.hashnode.dev

up UpWork

EDUCATION HISTORY

Bachelor of Science in **Computer Science**

Niger Delta University, Wilberforce Island

2010 - 2014

- Awardee, NNPC/Total Scholarship
- Awardee, Exon-Mobil Scholarship

WORK EXPERIENCE

Senior Frontend Engineer

Hark - New York, USA

Hark is a new video-based customer experience (CX) channel that allows customers an easier way to get in touch with their favourite brands post-purchase in various industries

Jul 2022 - Present (6 months +)

- Successfully developed a proof of concept mobile application that raised over 1.5 million USD in funding for Hark.
- Designed and developed the Harkweb application, which resulted in attracting over 18 new customers to Hark.
- Created the Client Workflow Application, which enables Hark's clients to customize their workflow, increasing Hark's marketability.
- Significantly reduced user drop-off rates by 33% through the integration of session replay and user behaviour analytic tools into the Hark web application.
- Developed the Hark Script, allowing customers to embed Hark services within their websites, which is currently being used by approximately 30% of Hark's customers.

Frontend Engineer /Looker Extension Developer (Part-time)

Artefact - Paris, France

Artefact is a digital agency that specializes in data-driven marketing and advertising. The company works with clients across various industries to help them optimize their digital marketing campaigns and improve their customer engagement

April 2022 - Oct 2022 (7 months)

- Developed and implemented a Looker extension application,
- Trained 2 frontend engineers in Looker extension development, reducing the product delivery timeline by 50%
- Implementation of a robust CI/CD pipeline for the Looker extension app, improving team collaboration and efficiency,
- Collaborated closely with cross-functional teams including product management, data Analyst, and backend engineers to gather requirements, prioritize features, and ensure timely delivery of high-quality software.

Fronted Engineer

Afriex - Richmond TX, USA

Afriex is a company providing a reliable and trusted payment solution that enables users, to send and receive money globally

Dec 2021 - Jun 2022 (7 months)

- Spearheaded the implementation of the redesign of the Afriex admin portal which is utilized by the customer support team, resulting in improved efficiency and heightened customer retention rates.
- Developed and implemented new features for tracking conversions of ads from influencers, as well as a feature for sending out offer notifications to the Afriex App, enabling the marketing team to operate more efficiently and cost-effectively.
- Designed and implemented an ID card upload and verification feature, facilitating the detection of fraudulent users by both the customer support and compliance teams. This enhancement helped Afriex save costs while maintaining its reputation for trustworthiness.

WORK EXPERIENCE

Senior Software Engineer
Centricity- New York, USA
Centricity was an AI-powered workflow solution that measures consumer demand in real-time without the complexities of social media scraping or e-commerce data. It is purpose-built from the ground up to provide modern Retail and CPG companies with actionable customer visibility and to level the playing field with e-commerce disruptors.
Oct 2020 - Dec 2021 (1 year 3 months)

- Successfully led a team of 5 engineers, effectively managing and directing their efforts towards achieving company objectives.
- Designed and built a Client Subscription Management Application, which significantly improved the management of client subscriptions and data access, enhancing the overall quality of service.
- Collaborated with other engineers on the re-write of the Subscription Management API, resulting in easier integration with other in-house applications and making the code more maintainable.
- Automated the data copying process, reducing the potential for errors and freeing up valuable engineering time for other critical tasks.
- Configured and set up a tool for business intelligence, and created interactive dashboards that enabled customers to easily visualize data and gain insights.
- Conducted code reviews and participated in system design, ensuring high-quality code and efficient system architecture.
- Contributed to the hiring process by participating in interviews and hiring two highly skilled engineers, which streamlined development processes.

Software Engineer
Interswitch - Lagos, Nigeria
Interswitch is a leading African integrated payment and digital commerce platform company that facilitates the electronic circulation of money as well as the exchange of value between individuals and organisations on a timely and consistent basis
Aug 2019 - Oct 2020 (1 year 3 months)

- Contributed to the development of Arbiter, an application utilized by bank partner companies for fund arbitration, by addressing bugs and implementing new features.
- Collaborated in designing the architecture of the Arbitration system, ensuring a robust and scalable solution.
- Developed a web-based application that enabled Point of Sale agents to access transaction histories from PoS devices, generate reports, and enhance overall operational efficiency.
- Established a Continuous Integration and Deployment (CI/CD) pipeline for the application, resulting in faster software development and release cycles, and reducing downtime.

Software Engineer (Intern)
Terragon Group - Lagos, Nigeria
Terragon is Africa's leading data and marketing technology (MarTech) company. Terragon uses data to help Brands intelligently reach and engage with consumers on mobile. They offer data-driven multi-channel marketing solutions that help businesses execute highly targeted campaigns by aggregating, enriching and activating consumer data for personalized experiences.
May 2019 - June 2019 (3 months)

- Developed and implemented a client-side script to track conversions, including signups and purchases, for multiple client websites. This resulted in the ability to accurately measure the success of Terragon's ads and demonstrate the value of our services to clients. The data collected was also utilized to further train AI models.
- Contributed to the development of an API that logs and aggregates all conversions sent from the client-side script, improving the accuracy and efficiency of our data collection process.
- Rewrote endpoints for an Internal API tool used to upload and retrieve application files to AWS S3 buckets. The rewrite streamlined the process, allowing applications to use a single bucket instead of multiple ones, saving the company money and unblocking developers. The code was also optimized for improved readability and maintainability.

TRAINNING & PROFESSIONAL DEVELOPMENT

Software Engineering Bootcamp
Decagon Institute - Lagos, Nigeria
an intensive 6-month program where our software developers learn both full-stack software development and additional soft skills through real-life projects
Dec 2018 - May 2019 (6 months)

VOLUNTEER WORK

Frontend Engineering Coach
The Morpheus Academy - Lagos, Nigeria
The Academy is an online learning centre designed to assist non-technical individuals in acquiring the necessary skills to transition into tech-based careers.
Jan 2023 - Present

- Organized weekly classes to teach HTML, CSS, and JavaScript
- Provided practical assignments and reviewed participants' work
- Offered constructive feedback to help participants improve their skills
- Answered questions and provided guidance on difficult topics
- Developed a career roadmap to help participants identify their goals
- Offered tips to help participants succeed in job interviews
- Encouraged participants to pursue their passion for front-end development.

Learning Community Ambassador
Andela DevC Training - Lagos, Nigeria
Facebook and Andela joined hands to train 2500 Developer Circles members from Nigeria and Kenya with the aim of getting the participants ready for the job market.
Aug 2019 - Oct-2019

- Assist and mentor DevC Training learners in their journey with the program by offering technical help in their courses,
- Monitoring their progress and constantly coming up with new ways which can be implemented to make their learning easier hence encouraging active participation and completion of the program

Teaching Assistant
Federal Polytechnic Kaura Nomoda - Zamfara ,Nigeria
A tertiary educational institution
Jan 2015 - Aug 2016

- Developed and delivered engaging and interactive lesson plans for 100-level computer science courses,
- Designed and administered assessments and exams
- Conducted research and prepared instructional materials, resulting in a 30% increase in the quality and relevance of course content

SKILLS

Frontend Development
Tools: Typescript, HTML, CSS, Javascript, Node.js, React.js, webpack, redux, recoil, Context API, ether.js, bootstrap, tailwind CSS, Git

Backend Development
Tools: Typescript,Node.js, Express.js, Hardhat,MongoDB, Postgres, Redis,GCP, AWS, Git

Data Analytics
Tools: Looker, Google Data Studio (now looker Studio), Mixpanel, SQL, Bigquery, GCP

AWARDS

Winner - Afriex Blockchain/Web3 Hackathon
Afriex
Dec 2021

Winner- Yenagoa Smart City Hackathon
Bayelsa Tech Hub
Sep 2019

SPEAKING ENGAGEMENTS AND APPEARANCES

Guest Speaker- African Tech Space Needs More Women
Africa Tech Radio
March 2023

Spotlight: Women in Tech Make Thousands of Dollars In Nigeria as Software Engineers Working Remotely
Inside Naija
Dec 2021

TECHNICAL ARTICLES

Replicating Looker Dashboards Across Looker Instances with Gazer: A Step-by-Step Guide
Hashnode

Enabling HTTPS for Live Server Visual Studio Code extension
Hashnode

Embedding Tableau Dashboards in React Web Applications
Hashnode