Baki Sodiq Adeiza

Quantitative Developer | Financial Analyst | Software Engineer
Lagos, Nigeria
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BackGround

Quantitative Developer, Software Engineer, Financial Analyst, and Trader with 6+ years of experience across FinTech, Trading, and API Infrastructure. Founder of Nestlypay Inc — solving cross-border payment problems in Africa. Strong expertise in quantitative research, market making, algorithmic trading, financial modeling, and portfolio construction. Experienced in building scalable software systems, API development, backend infrastructure, and high-frequency trading systems. Member of the Nigerian Society of Engineers (NSE), and published IEEE researcher.

Technical Skills

Area	Tools & Technologies
Programming Languages	Python, JavaScript, PHP (Laravel), Node.js
Frontend Development	React.js Next.js Typescript
Backend Development	Express.js, RESTful APIs, Microservices
Database Systems	MongoDB, MySQL
DevOps & Cloud	AWS, Docker, Git, CI/CD
Quantitative Finance	Backtesting, Market Making Algorithms, OMS Systems
Data Analytics	Pandas, NumPy, Data Visualization, OpenBB, Bloomberg
Trading Expertise	Portfolio Management, Technical Analysis, FX Trading

Experience

NairaDirect
Senior Software Developer - Full Time
April 2025 - Present (2 month)
Php, MySql
https://nairadirect.com
Lagos State, Nigeria.

- Setting a vision for how technology will be used in the company.
- Ensuring that technological resources meet the company's short and long-term needs.
- Developing the API and setting up infrastructure necessary for development. Outline the goals for research and development.
- Creating timelines for the development and deployment of all technological services. Making executive decisions on behalf of the company's technological requirements. Acting as a mentor to team members.
- Maintaining a consumer-focused outlook and aiding in the delivery of IT projects to market. Managing technology budgets and time frames.
- Staying on top of technology trends and developments. Ensuring all technology practices adhere to regulatory standards.

GetListed Africa
Senior Software Developer - Contract
Jan 2025 - Present (5 month)
React .js, Typescript, Node .js, MongoDB
https://www.getlisted.site
Lagos State, Nigeria.

- Developing the API and setting up infrastructure necessary for development. Outline the goals for research and development.
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- Maintaining a consumer-focused outlook and aiding in the delivery of IT projects to market. Managing technology budgets and time frames.
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- Setting a vision for how technology will be used in the company.
- Ensuring that technological resources meet the company's short and long-term needs.

Hangukquant
Quantitative Finance Researcher
April 2024 - September 2024 (6 months)
Python, Binance, Matplotlib, Excel
https://hangukquant.com
London Area, United Kingdom

 - Gather and clean large datasets from various financial markets.
 - Using AI tools such as OpenBBfinance, bloomberg to create financial models and Algorithms.
- Analyse data to identify patterns, trends, and anomalies.
- Conduct rigorous backtesting of models using historical data to ensure their effectiveness and robustness.
- Continuously validate and improve models based on real-time performance and new data.
- Develop mathematical and statistical models to predict market movements and assess risks.
- Implement market making algorithms and OMS management using python programming language.

NovaAlgo Trading
Quantitative Developer
June 2024 - December 2024 (7 months)
Python, Solana, Binance, Bybit
https://www.novaalgo.xyz
Lagos, Nigeria.
SuperTeam Radar Hackathon By Colosseum
- Portfolio Construction and Risk Management.
- Market Making Algorithm Implement (Market Quote and Market Microstructure).
- Regime Filtering.
- Orderbook and Exchange Websocket Data (Drift Protocol).
- Implementing Vault Strategies for Algorithmic Trading.
- Order Management System for multi assets.

Redox Trading
Junior Foreign Exchange Desk Trader
October 2023 - September 2024 (1 year)
React .js, Node .js, Mysql
https://redox.com.ng
Lagos State, Nigeria
- Construct and Build a Trading Portfolio of commodity assets and fine tuning risks.
- Manage Funds and Investment Trading at the Firm for Top Businesses and Clients.
- Covering Books and reporting to the Senior PM about risk assessment and portfolio metrics.

- Using Technical Analysis Knowledge to Trade the US markets with informed macro decisions and Info.
- Optimising Beta Information to make informed decisions.

Synapse Technologies
Junior Quantitative Developer
January 2023 - August 2023 (8 months)
https://synapsetechnologies.com
Python, Pandas, Numpy, AWS
New York, United States.

 - Design, develop, and maintain trading infrastructure, including data feeds, execution engines, and risk management systems.
 - Ensure high availability and reliability of trading systems.
- Implement backtesting frameworks to evaluate the performance of trading strategies.
- Conduct simulations to test model robustness under various market conditions.
- Work closely with quantitative researchers, traders, and other team members to understand their requirements and provide technical solutions.

Virtual Online Services
Senior Software Engineer - FullStack Developer & Devops Engineer
Apr 2023 - Sep 2023 (6 months)
https://www.virtualonlineservice.org
Php, Laravel
Lagos State, Nigeria

 - Building and Managing API Infrastructure.
- Implementing Operators and Service Providers Infrastructure such as Baba Ijebu, Golden Chance, Bet9ja, Opay and First Bank.
- I have successfully designed, developed, and maintained robust APIs for various services at the company.
- Designed and Implemented RESTful APIs: I have a deep understanding of RESTful architecture principles and have created APIs that adhere to industry best practices. These APIs have facilitated seamless communication between different software components, enabling efficient data exchange and integration.

- **MyLottoHub Limited**
  Software Developer - Backend and API Developer
  Apr 2023 - Sep 2023 (6 months)
  Laravel, Code Igniter, Php, React .js, AWS
  https://www.mylottohub.com
  Remote

- I revamped the codebase from codeigniter to Microservice with Php.

- Designed and Implemented RESTful APIs: I have a deep understanding of RESTful architecture principles and have created APIs that adhere to industry best practices. These APIs have facilitated seamless communication between different software components, enabling efficient data exchange and integration.
- I designed and built an Agency Infrastructure System that incorporates all Lottery Operators and allows Users to play and win the lottery on the go.

- Express Forecast
Software Developer - Machine Learning, Backend and API Developer
Apr 2023 - Sep 2023 (6 months)
Python, Laravel, Code Igniter, Php, React .js, AWS
https://expressforecast.com
Remote

- I revamped the codebase from codeigniter to Microservice with Php.
- Designed and Implemented RESTful APIs: I have a deep understanding of RESTful architecture principles and have created APIs that adhere to industry best practices. These APIs have facilitated seamless communication between different software components, enabling efficient data exchange and integration.
- I designed and built an Agency Infrastructure System that incorporates all Lottery Operators and allows Users to play and win the lottery on the go.

SeemeTracker Inc
Chief Technology Officer - API Development
Jan 2023 - Present (1 year 1 month)
Node .js, React .js, MongoDB
https://seemetracker.app
Lagos State, Nigeria.

- Setting a vision for how technology will be used in the company.
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- Developing the API and setting up infrastructure necessary for development. Outline the goals for research and development.
- Creating timelines for the development and deployment of all technological services. Making executive decisions on behalf of the company's technological requirements. Acting as a mentor to team members.
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NestlyPay
Chief Executive Officer
June 2020 - July 2024 (4 years 2 months)
Leadership, Strategy and Partnership etc.
https://nestlypay.co
Abeokuta,Ogun State Nigeria

- **Strategic Leadership:**
  - Define the company's vision, mission, and long-term goals
  - Develop and execute business strategies to capture market opportunities
  - Make critical decisions on product offerings, target markets, and growth plans.
- **Financial Management:**
  - Secure funding through investments, loans, or grants
  - Oversee budget allocation and financial planning
  - Ensure compliance with Nigerian financial regulations and reporting requirements.
- **Team Building and Culture:**
  - Recruit and retain top talent in technology, finance, and operations
  - Foster an innovative and collaborative company culture
  - Develop leadership capabilities within the organisation.
- **Product Development and Innovation**:
  - Guide the development of fintech products tailored to the Nigerian market
  - Stay updated on emerging technologies and industry trends
  - Encourage continuous innovation to maintain a competitive edge.
- **Stakeholder Management:**
  - Build relationships with investors, partners, and regulatory bodies
  - Represent the company in industry events and media engagements
  - Navigate the unique challenges of Nigeria's fintech ecosystem, including infrastructure limitations and regulatory hurdles.

NidFul Technologies
Frontend Developer, Business Lead and Product Strategist
April 2022 - July 2024 (2 years 4 months)
React .js, Typescript, Flutter
https://www.nidful.co
Lagos, Nigeria.

- Strategic Vision: I have crafted and executed a comprehensive business strategy for the decluttering app, aligning it with market trends and user demands. This vision has led to substantial growth, making our app a household name for decluttering solutions.
- Market Research: My commitment to staying ahead of industry trends has allowed us to anticipate and meet the evolving needs of our users. Through extensive market research, I've identified emerging decluttering trends and user pain points, driving product enhancements.

- User-Centric Approach: I've championed a user-centric philosophy, ensuring that our app remains intuitive and effective. By incorporating user feedback and conducting usability studies, we've continuously improved the user experience, resulting in higher user retention rates.
- Partnership Development: I've forged strategic partnerships with relevant organisations and influencers in the home organisation and decluttering space. These partnerships have expanded our reach and bolstered our app's credibility.

Education

EDHEC Business School
Portfolio Construction and Management · (April 2024 - September 2024)

University of Benin
Bachelor's degree, Automobile/Automotive Mechanics Technology/ Technician · (2017 - 2021)

Miva Open University
Master's degree, Information Technology (2025 In-view)

Honours & Awards

Prototyping and Conceptualizing Electric Model Vehicles to Enhance Automotive STEM Education: Towards Sustainable E-Mobility -
IEEE Germany
Oct 2023
Research on Prototyping and Design Methods for Educational Model Vehicle Systems: An Innovative Approach to Teaching Automotive STEM concepts.
The Research is published by IEEE Ref: https://ieeexplore.ieee.org/document/10295128

Licences & Certifications

National Youth Service Corps
Ekiti State, Nigeria.
November 2023 - October 2024

Member - IEEE Institute of Electrical Electronics Engineer (Berlin, Germany)
Oct 2023 - Present

Graduate Member - Nigerian Society of Engineer (Ikeja Branch, Lagos State)
October 2024 - Present..

Young Associate Member - Young Society of Nigerian Society of Engineer
January 2023 - Present

Student Member - The Nigerian Society of Engineers Ikeja Branch
April 2014 - October 2020

Best Project Skill Competition Awardee - The Nigerian Society of Engineers Ikeja Branch
2014, 2015, 2016 and 2017
Best Innovative Student in Lagos State, Emerge the Winner of the Project Skill Competition for both essay and technical abilities after which he built a Wireless Remote Vehicle and a Drone.