

# BASHIR IBRAHIM MUHAMMAD

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## Biography

I am a Computer Scientist, a software engineer with over Five(5) years of sound experience in building Software applications, enterprise solutions and developing micro services, I am a passionate programmer, I always try to priorities best practice in all aspect of software development and ICT in general, for me learning never stops, which is why I am constantly learning to continuously improve my skills and provide solutions especially by scaling up and writing maintainable and reusable code to improve existing systems.

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## Professional Summary

- Multifaceted Software Developer (with major specialization in Financial,Enterprise and Mobile Development)
  - Over 6years of varied work experience in the IT space especially software development.
  - Strong set of technical and practical skills working in multicultural and multi-vendor environments.
  - Extremely organized and capable of managing multiple and varied projects/assignments.
  - Excellent communication skills and customer-centric in terms of service delivery.
  - Ability to function with minimal supervision.
  - Strong knowledge of source control systems (Git).
  - Agile methodology Advocate
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## Technology Stack

### Frontend

- HTML, CSS, JavaScript, (ECMAScript 15+) React, Angular, Vuejs, Redux, RxJx, Typescript
- Experience in React native for mobile Application development
- Figma for Design and prototyping

### Backend

- Nodejs, Laravel, PHP
- TDD, Rest API, Micro services,
- Experience using MySQL, SQLite, MongoDB, Postgres and MS SQL Databases
- Experience in security authentication, access, and identity management technology

### Ops/Infra

- Nginx,Apache,GCP and AWS
- Experience with automation and CI/CD
- Jenkins, Kubernetes.
- Good understanding of Containerization (Docker)

### Monitoring /Observabilities

- Grafana
- Graphite
- Kibana
- Prometheus.

### Source Control, Collaboration and SDLC tools

- JIRA, Slack, Trello,
  - Strong knowledge of source control systems (Git & Bitbucket).
  - Experience of iterative/agile Methodology
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## Employment History

**2019-Till date, (NIBSS)** Nigerian Interbank Settlement Systems PLC Lagos (National Financial Technology industry)

Serve as **Team Lead** Front-End Software development for the industry, in charge of building web application with capacity of providing services for both internal and nationwide users, manage a team of eight (8) experience developers,

- I made an impact in the financial industry by Building a Card transaction terminal management System
- Build an administrative portal system for managing all bank account information database in the country which help in tracking the registered bank account related information across all Banks and provide access to all banks to profile account in the system.
- I developed SSO for all internal applications: these has helped in providing a single account sign on to all internal applications using users domain credentials.
- I built a system for managing approvals of document and expenses these has help in all automating approval processes both internal and external to the company.
- Lead a team of 4 to build a dispute resolution system for the financial industry of the country. These has highly impacted positively on the industry by providing a bed eye view to all transactions carried out across all banks and processors and allow charge-backs to be raised hence resolve disputes.
- I Integrated Third Party 2FA APIs into AD (active directory) for authentication purpose, these has also help reduce the act of continuously rebuilding 2FA on different applications that authenticates via the AD account.
- I Consistently facilitate and improve process and development technologies: As a team lead I am mandated to improve development processes of my team where necessary. I have introduced exception catching tool called Sentry to the development team to help log all exception both on dev and Prod.
- I assisted in Building Consolidated Portal for all Data and Identity management solutions (e.g BVN(Bank verification Number) enrollment, NIN(National Identity Number) Validation, BVN verification, Pensioner biometric verification. Etc) these has impacted on the Financial industry by providing a single system where all Institutions can access different identity related services, and also help generate income to the company.
- Expert knowledge of Monitoring tools such as Grafana: I was able to deploy Grafana on our Environment to help with Monitoring of our product and also extended external views to the all banks to view all transactions trends, services performance and related metrics.
- In charge of Improving processes and technologies,
- Hands on experience on Third party App/API integrations such as Cisco DUO Authenticator API, Dadabik Frontend And more, I help in building /integrating tools used by Operation teams for their daily activity
- Architect frontend Applications and process flows

**2018-2019, STETiS Limited** – Abuja, Nigeria. (ICT)

Served as Software Developer, developed various enterprise application mostly business solutions, including financial, Human resource, document solutions and examination software.

- Worked closely with experienced software developers in building several projects.

- Developed applications that supported financial processes such applications help generate revenue to the organization.
- Developed applications that supported Human Resource processes.
- Developed identification mobile application.
- Developed Educational Software Solutions some of these applications have been deployed across some of the major high institutions in the country.
- Translated financial indicator calculation into working application algorithms, this has help automated Translated financial indicator calculation.
- Developed responsive web sites and mobile applications when needed.
- Manage and supervise Project execution base on the Software development Life Circle (SLDC) adopted.
- Mentor new staff or interns in learning tech skills.
- Represent the company in areas of Technical presentation and Consultancies.

#### **2018-2019 Remote Software Developer, Comsoft Ltd– Abuja, Nigeria. (ICT)**

Served in various capacities from Application Development, Servers, User support, Data Management, trained interns on building robust systems.

- I developed Project Management Tool which has impacted on the company positively. this tool is used managing all projects, going tasks and all activities in the organization
- Developed Employee Management System.
- Participated in Software project planning and implementation
- Development of REST APIs to interface between the database layer and the presentational layer of applications.
- Consumption of APIs from different client applications such as mobile apps and web clients.
- Trained and mentored interns on web and mobile applications development within my capacity.

#### **2017 Software Developer (Intern), Quanteq Technology Services Ltd – Abuja, Nigeria. (Development for ICT)**

- Served as a web developer and database Analyst. Actively undertook feasibility and user requirement analysis to ensure smooth transition from inception to implementation and deployment of software projects.
- Developed websites, web and mobile applications.
- Assisted in the creation of presentation slides and preparation of training for end users and prospective clients
- Responsible for strategic IT planning, including fostering innovation & allocating monetary resources Designed, and implemented policies as well as encouraged best practices from the Implementation team.

### **Education History**

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|---|------------------|
| <ul style="list-style-type: none"> <li>▪ <b>Federal University Dutse, Jigawa.</b><br/><i>B.SC Computer Science (First Class honors)</i></li> </ul>                          | <b>2015-2018</b> |
| <ul style="list-style-type: none"> <li>▪ <b>Air Force institute of technology, Kaduna.</b><br/><i>National Diploma in Mechanical Engineering (UPPER CREDIT)</i></li> </ul>  | <b>2011-2013</b> |
| <ul style="list-style-type: none"> <li>▪ <b>Pan Nigeria Limited Peugeot Automobiles Kaduna,Nigeria</b><br/><i>Certificate in AUTO Diagnosis (NBTE certified)</i></li> </ul> | <b>2011-2013</b> |

- **Kaduna Capital School Kaduna**  
*Senior Secondary School leaving certificate. (WAEC)*

**2007-2010**

### Spoken Languages

- English
- Hausa
- Yoruba

### Membership

National Association of Computer Science Student. (NACOSS) Federal University Dutse (FUD).

### Post Held

- **Team Lead Front-end** Development Nigerian Interbank Settlement Systems PLC Lagos (NIBSS)
- **President**  
*National Association of Computer Science Student (FUD Chapter) '018*
- **Vice President**  
*National Association of Computer Science Student (FUD Chapter) '017*
- **Governor**  
Technical Skills Dev. program (Federal Government sponsorship through ITF) '014

### Awards

- **Grafana hackathon**  
3<sup>rd</sup> Best Monitoring Dashboard, Grafana Hackathon Challenge Dec 2020.
- **Dean Price**  
Best Graduating Student, Faculty of Computing Federal University Dutse 2018.
- **NACOSS Best Graduating Student**  
*Computer science department Federal University Dutse. 2018.*
- **Best Student in Auto Diagnosis**  
*Pan Learning Center Peugeot Automobile Nigeria 2014*
- **Best Student in Auto Engine Repairs**  
*Pan Learning Center Peugeot Automobile Nigeria 2014*
- **Best Student in Metal Works** *Kaduna Capital School 2010*

### Referees (Available upon request)

1. Air Commodore O.S Ogunsina.  
Nigerian Air Force Headquarters. Abuja. [femdup@yahoo.com](mailto:femdup@yahoo.com) tel. 08023551350
2. Mr Akilu Rilwan Muhammad  
Senior lecturer, Computer Science Department, Federal University Dutse, Jigawa.

Tel. 08085613385.

3. Wing Commander Maikudi Saleh.

Commandant Works Nigerian Airforce Resource Center. Tel. 08125548390, 08037608705