

Sani SUFYAN Bature



PERSONAL DATA

Address: 356 Yamadawa Dorayi Babba, Gwale Local Government, Kano State Nigeria

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EDUCATION

Bachelor of Science, Computer Science

- First Class Honours

Yusuf Maitama Sule University Kano

January 2017 – December 2021

WORK EXPERIENCE

KANO STATE MINISTRY OF SCIENCE AND TECHNOLOGY

March 2022 – March 2023

Position: Software Engineer (NYSC Corp Member)

- Examining the state of the website to determine the exact flaws that are causing it to be inoperable. This entails going over the website's code, infrastructure, and content.
- Gathering requirements and understanding the website expectations.
- Determine which important functionality, content changes, and design enhancements are required to bring the website up to date.
- Create a plan to update and repair the website based on the requirements gathered. During the planning phase, consider user experience, accessibility, and modern design concepts.
- Rewriting code, resolving bugs, integrating new features, and assuring browser and device compatibility.
- Conduct extensive testing to ensure that the website functions properly and satisfies the relevant criteria. Perform functional and non-functional testing, such as performance, security, and usability testing.

CENTER FOR INFORMATION TECHNOLOGY, BUK

April 2019 – November 2019

Position: Student Industrial Working Experience Scheme

- Responsible for installation and configuration of networking across the university.
- Engaged in Laying and installation of fibre optic cables from one end point to another.
- Networking and Repairing of computers for the university computer learning center.
- Used Database Excel to generate Reports.

RESEARCH PUBLICATIONS

- Bature, S. S., & Sumiati, I. (2023). Application Of Natural Decomposition Method For Solution Of Fractional Black-Scholes Equation. International Journal of Global Operations Research, 4(1), 26–34. <https://doi.org/10.47194/ijgor.v4i1.201>
- Kirana, A., & Bature, S. S. (2022). Socialization of Natural Disaster Mitigation to Minimize the Impact of the Risk of Economic Loss in the Citarum River Basin (DAS) West Bandung Regency. International Journal of Research in Community Services, 3(4), 120-126. <https://doi.org/10.46336/ijrcs.v3i4.339>

RECENT PROJECTS

FULL PROJECTS: [batureprofile/project](#)

Quran Verse Finder

Jan. 2023 - May 2023

The voice-based Quran search application is a user-friendly and innovative application designed to assist individuals in finding specific verses from the Quran using voice recognition technology. It offers a convenient and efficient way to search for and access relevant Quran verses by simply speaking into the device or computer microphone.

[Project link](#)

[Github Repository](#)

[Full Report](#)

Python 3.9

Django 4.1

Speech Recognition

Mysql

Bootstrap 5

Search Algorithm

Bature Journals (University Journal Management System)

Oct. 2022 – Dec. 2022

Bature Journals is a web-based Journal Management System developed using Python and the Django framework. It provides a comprehensive solution for managing academic journals, including paper search, author management, reviewer management, editor management, and administration capabilities.

[Project link](#)

[Github Repository](#)

[Full Report](#)

Python 3.9

Django 4.1

Binary Search Algorithm

Mysql

Bootstrap 5

Paystack API

Student Application Portal

May 2022 - July 2022

This Student Application Portal was designed to simplify the process of applying to educational institutions. The system incorporates a payment gateway to facilitate secure online payment for application fees.

[Project link](#)

[Github Repository](#)

[Full Report](#)

Python 3.9

Django 4.1

Mysql

Bootstrap 5

Paystack API

CERTIFICATION | CONFERENCES ATTENDED

International Conference on control ,optimization and mathematical Enginnering	November, 2021
AWS Cloud Practitioner Essential Day Certificate	November, 2021
Introduction to Data Science from 365 Data Science	November, 2021
Workshop Icome on Writing and Publishing Scientific Papers	October, 2021

ADMINISTRATIVE EXPERIENCE

NACOSS Academia Director II 2020/2021

- Responsible for organizing tutorials among students from level 100 to 400.
- Providing Past Question Papers to students and assisting them on how to read based on curriculum.

Welfare Director - Nigerian Association of Computer Science Student (NACOSS) YUMSUK Chapter 2018/2019

- Organized Orientation Program to new Students.
- Establish a yearly Competition on Software Development and Sport Activities.

VOLUNTEER ACTIVITIES

Web Development – 4 Month Tutorial Classes February 2022 – June 2022

- Trained 4 people on how to develop web application using Bootstrap and Django Web Frameworks.
- Supervised them to ensure successful completion of projects.

Microsoft Office Program – 2 Month Tutorial Classes January 2022 - March 2022

- Worked as a volunteer tutor to teach Microsoft Office Word, excel, and PowerPoint to secondary school students.

PROFESSIONAL MEMBERSHIPS

- IEEE Computer Society Members (August 2020 – present)

SKILLS AND INTERESTS

➤ SKILLS

- Cloud Computing (Microsoft Azure, Amazon AWS, Google Cloud Console)
- Highly Proficient in Computer applications; (MS: Word, PowerPoint, Excel and Google Apps)
- Training and Facilitation
- Git and Github
- Strength: Web Programming using Django, Data Analysis, and Teaching.
- Programming Skills: Arduino (IOT), Python (Django, Pandas, Numpy, Django Rest Api), Java, Android, Matlab, HTML, CSS, JAVASCRIPT.

➤ INTERESTS

- Research on Data Structures and Algorithms, Software Engineering, Machine Learning.
- Teaching Software development and Mentoring Kids on choosing Career path.
- Sport Activities.

LANGUAGES

Hausa: Mother tongue

English: Fluent

REFEREES

Available on Request