

# SANI SUFYAN BATURE



---

## PERSONAL DATA

**Place and Date of Birth:** Nigeria, 2000  
**Address:** 356 Yamadawa Dorayi Babba, Gwale Local Government, Kano State  
**Email:** [baturesanisufyan@gmail.com](mailto:baturesanisufyan@gmail.com)  
**Website:** [batureprofile.pythonanywhere.com](http://batureprofile.pythonanywhere.com)

---

## EDUCATION

**Bachelor of Science, Computer Science**

Yusuf Maitama Sule University Kano

• First Class Honours

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 Engineering	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**