

OYINDAMOLA "NATHAN" BALOGUN

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🔗 <https://github.com/eniolabalogs> 🔗 <https://eniolabalogs.netlify.app>

EDUCATION

GRAMBLING STATE UNIVERSITY

05/2027

Bachelor of Science in Computer Science & Minor in Cybersecurity. ---GPA: 3.75 (HONORS STUDENT).

Relevant Coursework: Calculus I, II, & III, Data Structures and Algorithms, Data Analytics, Probability and Statistics

Awards: Presidential Grambling State University Academic Scholar, High School SGA President

SKILLS

- Programming Languages: Java, Python, HTML, JavaScript, CSS, Git, Node JS, PostgreSQL. Cloud Softwares: Microsoft Azure, AWS.
- Softwares: Powershell, Visual Studio Code, GitHub, Figma, Microsoft Suite. Methodologies: Linux/Unix, Agile, Application Resiliency, SDLC.

PROJECTS

Personal Portfolio Website

HTML | CSS | JavaScript 🔗

- Designed a user-friendly portfolio website showcasing information, skills, projects, and contact information. (**Link to website**) 🔗
- Achieved a fully responsive design that maintains optimal performance across all devices, evidenced by a **Google PageSpeed score of 95+** for both desktop and mobile views.
- Implemented contact forms using **Web3Forms API** and social media integration ensuring website users can get access to me directly.

Diabetes Prediction Program

Python | Machine Learning 🔗

- Launched a diabetes prediction system with **77.27% testing accuracy**, enabling early diagnosis through machine learning.
- Implemented data preprocessing and feature scaling on the diabetes dataset, resulting in **improved model performance**.
- Trained and evaluated an SVM classifier on data, **achieving 78.66% training accuracy and 77.27% testing accuracy**.

Weather App

JavaScript | HTML | CSS 🔗

- Designed a weather app using **OpenWeather API**, enhancing user experience with **real-time weather updates** and a visually appealing interface.
- Integrated **JavaScript for API calls**, dynamically displaying weather data such as temperature, humidity, and weather conditions.
- Designed a **responsive front end** with HTML and CSS, ensuring compatibility across various devices and screen sizes.

EXPERIENCE

Student

DC, USA

ARCOS - - Vista Equity Partners Hackathon

- Collaborated with a team of software engineers to develop a chatbot using **Amazon Bedrock** for ARCOS, enabling utility companies to access their data in real-time instead of reports.
- Developed a **Flask app** for executing dynamic **PostgreSQL queries**, enhancing data retrieval efficiency.
- Integrated backend systems with frontend interfaces developed in **Java and CSS**, ensuring seamless access to critical data for utility companies.

Computer Lab Associate

01/2024 – present

Grambling State University

Grambling, USA

- Installed and updated software applications as needed, ensuring compatibility and security.
- Maintained accurate records of equipment inventory, maintenance activities, and user support requests.
- Provided technical assistance to students and faculty in the computer lab, troubleshooting hardware and software issues

CERTIFICATES

Working in a Digital World: Professional Skills

Issued by IBM.

Getting Started with Threat Intelligence and Hunting

Issued by IBM.

AWS Academy Graduate - AWS Academy Cloud Foundations

Issued by AWS.

Artificial Intelligence Fundamentals

Issued by IBM

Machine Learning Methods and Tools

Issued by IBM

LEADERSHIP AND ORGANIZATIONS

NATIONAL SOCIETY OF BLACK ENGINEERS --- Senator

Grambling, USA

This organization focuses on improving the recruitment of Black engineers in both academia and industry.

GRAMBLING STATE UNIVERSITY STUDENT AMBASSADOR

Serve as a Student Ambassador for Grambling State University, fostering community engagement and representing the university at various events and functions

INTERESTS

Quant, Travelling, Stocks, Mathematics, Soccer, Cybersecurity, Machine learning, Data Analytics , Artificial Intelligence, Copywriting