

Musa Mustapha Mohammed

CONTACT

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EDUCATION

Ibrahim Badamasi Babangida University,
Lapai (IBBUL)

B.Sc. Computer Science | 400 Level

Duration: 2020 – Present

SKILLS

TECHNICAL SKILLS:

- Python Programming
- Git & GitHub
- HTML & CSS
- Microsoft Office
- Canva & Basic Graphic Design
- Basic Cybersecurity Concepts

SOFT SKILLS:

- Critical Thinking & Problem Solving
- Self-Learning & Research
- Team Collaboration
- Attention to Detail
- Adaptability & Growth Mindset

INTERESTS

- Programming and tech simulations
- Ethical hacking and cybersecurity concepts
- Football and strategic gameplay
- Volunteering and community engagement
- Gaming and interactive learning

PROFILE

A passionate and self-driven Computer Science undergraduate at Ibrahim Badamasi Babangida University, Lapai (IBBUL). Currently focused on developing hands-on skills in programming, cybersecurity, and AI through personal projects, online internships, and community learning. Eager to apply technical knowledge to solve real-world problems while growing into a professional ethical hacker and cybersecurity specialist.

WORK EXPERIENCE

Power Learn Project (PLP) – Software Engineering.

July 2025 – Present

- Hands-on training in programming, web development, and version control.
- Collaborating with peers on tech challenges and projects.
- Building a strong foundation in problem-solving and remote teamwork.

Industrial Training – Kainji Lake National Park (planning, Research and ICT Department)

July 2024 – November 2024

- Supported ICT operations and basic network maintenance tasks.
- Assisted in software troubleshooting, system upgrades, and technical documentation.
- Gained practical experience in computer systems and administrative tech support.

PROJECTS

1. Personal Password Manager (Python Desktop App)

- A simple GUI-based application for password generation and encrypted storage.
- Built using Tkinter for GUI and Fernet encryption for password security.
- Features include copy-to-clipboard, temporary password visibility, and both random/custom password generation modes.
- Organized with object-oriented Python and reusable modular scripts.

2. Geospatial Shortest Path Finder

- Uses GeoPandas, Shapely, and NetworkX to find optimal routes.
- Built for spatial analysis and navigation applications.
- Handles shapefiles and real-world road network data.

3. Portfolio Website (In Progress)

- Personal website to showcase profile, projects, and contact information.
- HTML and CSS structure with clean layout.
- Forms connected to Google Forms for interaction.

CERTIFICATION

Coming Soon: Power Learn Project (PLP) – Software Engineering Certificate [Expected Q4 2025]