Joseph Abio Nartey Jnr

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EDUCATION

College of Engineering at Andhra University **November 2023 – Present**
Bachelor of Technology (B. TECH): Computer Science And Systems Engineering *Visakhapatnam, AP*

- Major CGPA: 7.67/10.0 Final CGPA: 3.26/4.0
- Relevant Coursework: Data Structures, Algorithms, Database Management System, Operating Systems Computer Networks, Object Oriented Software Engineering, Artificial Intelligence, Machine Learning, Python Programming
- Data Warehousing And Data Mining.
- Minor Coursework: Financial Management, Introduction To Commercial Banking And Fintech

Saviour Senior High School **Sept 2019 – Sept 2022**
High School, General Science *ER Osiem, Ghana*

- Major CGPA: 4.0/4.0 Final CGPA: 3.7/4.0
- Relevant Coursework: Chemistry, Elective Mathematics, Physics, Information Technology, Robotics.

CORE PROFICIENCIES, SKILLS, & ACTIVITIES

- **Analytical Skills**: Process Simulation and Modeling, Troubleshooting, Data Analysis, Statistical Analysis.
- **Project and People Management:** Project planning and execution, Team Collaboration, Critical Thinking.
- **Technical Skills**: Figma, SQL, Python, Excel, Process Simulation Software, Machine Learning.

HONORS AND AWARDS

- Indian Council for Cultural Relations Merit Scholarship (ICCR Scholarship) Award [**view**] **2023**
- National Robotics Competition (First Lego League) Award for Team with the Best Robot Design 2022
- National Robotics Competition (First Lego league) Award for the Most Promising Team **2021**
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PROFESSIONAL EXPERIENCE

UI/UX Intern **Sept – Dec 2024**
SPOTMIES LLP Visakhapatnam, India

- Designed user-centered interfaces for web and mobile applications using Figma.
- Created wireframes, user flows, and interactive prototypes based on product requirements.
- Collaborated with developers and stakeholders to improve usability and ensure design consistency.
- Conducted user research and incorporated feedback into iterative design improvements.

Python Programming Intern **May– July 2024**
Ybi Foundation| Remote *Hyderabad, India*

- Built Python-based applications as part of hands-on internship projects.
- Applied data structures, control flow, and object-oriented programming to develop efficient solutions.
- Improved problem-solving and debugging skills through practical coding exercises.
- Gained experience using Python for automation and data processing.

LEADERSHIP EXPERIENCE

Head of Information Technology (IT) **September 2025 – Present**
Ghana Students Association In India *Visakhapatnam, India*

- Conducted user research and incorporated feedback into iterative design improvements.
- Manage and maintain the association's digital platforms, providing technical support for events and organizational activities.
- Collaborate with the executive committee to implement technology-driven solutions that improve communication and operational efficiency.

Social Media Manager **January 2024 – Present**
Ghana Students Association In India

- Manage the association's social media presence across multiple platforms, creating engaging content and maintaining a consistent brand identity.
- Design promotional graphics and digital campaigns to increase visibility for events, announcements, and student initiatives.
- Monitor audience engagement and optimize content strategies to improve reach and interaction.

President, Cyber Knights Robotics Club **September 2025 – Present**
Saviour Senior High School *Visakhapatnam, India*

- Led the Robotics Club by organizing robotics workshops, competitions, and hands-on learning activities for members.
- Coordinated student teams in designing and building robotics projects while fostering teamwork and innovation.
- Mentored junior members in programming, electronics, and problem-solving, promoting STEM education within the school community.

PROJECT & RESEARCH EXPERIENCE

1. **Passport Automation System**
   Academic Team Project ||Java, Spring Boot, React.js, MySQL, Figma Oriented Software Engineering Lab, AUCE.

- Designed and developed a web-based Passport Automation System to digitize the passport application process.
- Implemented features including user registration, application submission, document upload, appointment booking, and application status tracking.
- Collaborated with a team to design the database, system architecture, and user interfaces using UML and Figma.

CONFERENCES ATTENDED AND PRESENTED RESEARCH FINDINGS

Google Developers Group(GDG) DevFest Vizag 2024-Vishapatnam, India ***May 16–19, 2024***

- Attended a three day technical talks, workshops and networking sessions focused on AI, cloud and modern Software development.

CERTIFICATES

- **Foundations of Cybersecurity** — Google *(October 2024)*
- **Mastercard – Cybersecurity Job Simulation** — Forage *(May 2025)*
- **Build a Free Website with WordPress** — Coursera Project Network *(December 2024)*

REFERENCES

Available on request.