<u>**CURRICULUM VITAE**</u>

AJAAH JONAH INUSAH

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OBJECTIVE STATEMENT

Versatile **IT Manager, IT Support professional, and Programmer** with expertise in **software development, full-stack web development, artificial intelligence education, and graphics design**. Skilled in managing IT infrastructure, troubleshooting systems, and delivering innovative digital solutions. Passionate about leveraging technical and teaching skills to **drive innovation, optimise system performance, and advance STEM and AI education**. A collaborative team player with strong **leadership, interpersonal, and communication skills**, dedicated to contributing to Computer Science, IT management, and education growth.

PROFESSIONAL EXPERIENCES:

Lasting Impression School / IT Manager & AI/Computing & Science Teacher
OCTOBER 2023 - PRESENT, Comm. 26-PS Global/Gate 1

- Provide **IT leadership and technical support**, managing the school's IT infrastructure and digital systems.
- Troubleshot and resolved hardware/software issues, **reducing downtime by 40%**.
- Teach **Artificial Intelligence concepts** using Pictoblox and Scratch, introducing students to **machine learning, robotics, and coding**.
- Design and deliver **engaging Computing, Science, and AI lesson plans**, fostering student interest in **STEM fields**.
- Mentor students in **problem-solving, coding, and project development**, boosting their academic and technical growth.
- Assist staff and students with IT-related issues, improving **digital literacy and competence** across the school.

Ghana Armed Forces / National Service Personnel (Programmer)
NOVEMBER 2022 - OCTOBER 2023, LA DEDE KOTOPON

- Developed web applications with **Laravel and PHP**, implementing secure features and scalable functionalities.
- Configured routers, networked computers, and provided **technical troubleshooting**.
- Managed **databases** for multiple web projects, ensuring data accuracy and performance.
- Collaborated with development teams, ensuring high-quality software delivery.
- Executed data conversions, structured data systems, and adhered to Laravel best practices.

Akim State College / Account Clerk
OCTOBER 2021 - MARCH 2022, AKIM ODA-ASENE

- Managed **financial records**, accounts payable/receivable, and balance sheet reporting.

- Assisted in budgeting, planning, and compliance with accounting policies.
- Supported external audits and ensured accurate documentation.

Birim Central Municipal Assembly/ Intern (Programmer)
JUNE 2021 - SEPTEMBER 2021, AKIM ODA
- Performed **data entry, analysis, and reporting** using Microsoft Excel.
- Gained practical knowledge in **hardware repair and maintenance**.
- Supported IT systems and office technology management.

Akim State College / E-Librarian/Librarian
SEPTEMBER 2019 - OCTOBER 2020, AKIM ODA-ASENE
- Managed and digitised library resources to enhance accessibility.
- Organised **information literacy workshops** and supported students and researchers.
- Oversaw library automation systems and contributed to academic policy development.

The Prince of Zion Academy / Teacher (Science and Mathematics)
SEPTEMBER 2015 - AUGUST 2018, KAKASUNAKA NO.2

- Taught and evaluated **Mathematics and Science courses** with a strong student success rate.
- Mentored students academically and personally, improving overall performance.
- Contributed to curriculum development and school-wide academic improvement.

PROJECT EXPERIENCES:

Inventory Control System - Ghana Armed Forces DIT - (June 2023- February 2024)
- Developed an Inventory Control System for the Ghana Armed Forces DIT.
- Responsible for designing and implementing important inventory management functionalities.
- Using Laravel and PHP to build a strong and user-friendly system.
- Working with cross-functional teams to ensure that the system fulfils the needs of the enterprise.
- Regular testing and maintenance are carried out to improve system performance and dependability.
- Contributing to the organisation's inventory management process improvement.

Gym Management System with SMS and Messaging Integration - (Akim State College - Final Year Project)
- As part of my final year project, I designed and implemented a Gym Management System.
- SMS and message capabilities have been included to improve contact with gym members.
- VB.NET was used to implement user-friendly features for membership administration, attendance monitoring, and payment.
- Academic evaluators successfully presented and demonstrated the project.

VOLUNTEERING EXPERIENCES:

Development of a Multifactor Authentication System (2022- Final Year Project)

- I offered to help a team design and construct a multifactor authentication solution.
- By integrating extra authentication levels, it was possible to significantly improve system security.
- I worked with the team to ensure that multifactor authentication was seamlessly integrated into the application.
- Contributed to the creation of user-friendly authentication routines, hence improving the user experience.

Fee Payment System Using the Paystack API (2022- Final Year Project))

- I volunteered to assist another group in developing a school fee collection system.
- The Paystack API has been integrated to allow for safe and simple online payments.
- Developed mobile and online versions of the system to reach a wider audience.
- Ensured smooth payment processing and offered technical help to users.
- Contributed to the digital transformation of the school by facilitating online fee payments, boosting efficiency, and increasing financial transparency.

LEADERSHIP EXPERIENCES:

- **IT Manager** – Lasting Impression School (2023–Present)
- **Chief Justice** – Student Representative Council, Akim State College, Akim Oda (2021/2022)
- **Publicity Committee** - LaDMA National Service Personnel Association (2022/2023)
- **Class Representative** – Akim State College, Akim Oda (2018-2022)
- **Protocol Prefect** – Chemu Senior High Technical (2014/2015)
- **School Prefect** – Mount Zion International School (2011/2012)

EDUCATION:

Akim State College (Affiliated to KNUST) / BSc. Computer Science
AUGUST 2018 - SEPTEMBER 2022, AKIM ODA-ASENE

Studied various subjects including Operating Systems, Computer Networks, Database Systems, Programming Languages, Computer Architecture, Machine Learning/AI, Computer Graphics, Web Development, Human-Computer Interaction, Software Engineering, and Computer Security etc.

Chemu Senior High / General Science
SEPTEMBER 2012 - JUNE 2015, COMM. 4, TEMA
Focused on Biology, Chemistry, Physics, Elective Mathematics, and other core subjects.

CERTIFICATES ACQUIRED:

- BSc. Computer Science (August 2022)
- National Service Scheme Certificate (October 2023)
- Certificate in Predictive Analytics with Python (January 2024, Athena Global Education)
- Certificate in Change Management: Embracing the Future through Strategic Adaptation (November 2023, Athena Global Education)
- Certificate in Skill Enhancement (NSS and SALT Institute) (September 2023)
- (*Additional certificates available upon request)*

SKILLS /COMPETENCE:

TECHNICAL (IT) SKILLS:
- **Programming Languages:** PHP, Python, Java, C++, C, C#, JavaScript, VB.NET, HTML, CSS
- **Frameworks:** Laravel, MVC Architecture
- **Databases:** MySQL, SQL Server, MS Access.
- **Tools & IDEs:** Visual Studio, NetBeans, Eclipse, IntelliJ, PyCharm, VS Code, Android Studio

- **Version Control & Cloud:** Git, GitHub, Google Cloud Platform (GCP), MS Office 365
- **Design Tools:** Adobe Photoshop, CorelDRAW
- **Specialities:** System troubleshooting, database optimisation, web application development, predictive analytics

SOFT SKILLS:

Communication, Teamwork, Flexibility, Confidence, Problem-Solving, and Self-management

INTERESTS:

- Teaching, Typing and Designing, Computer Networking, Database Management, Hardware Repairs, Programming, Problem-Solving, Researching, Documentaries, Music

REFEREES:

Major Mohammed Tijani/ Senior System Administrator
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