

## CURRICULUM VITAE

# AJAAH JONAH INUSAH

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Portfolio: <https://jaytron619.github.io/jonahinusah/>

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## OBJECTIVE STATEMENT

I am a dedicated and versatile **programmer** with expertise in software development, full-stack web development, and graphics design. I have a strong passion for educating people and enhancing student performance. With a comprehensive understanding of teaching and class management, I am capable of effectively conveying complex information. I possess excellent proficiency in Microsoft Office suites, Internet applications, and presentation skills. I am a team player with outstanding interpersonal and communication skills. Furthermore, I am cooperative, humble, and capable of working under pressure to meet deadlines with minimal supervision. Therefore, my objective is to utilize my knowledge and skills, and implement my innovative ideas and creative mind in the field of Computer Science.

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## PROFESSIONAL EXPERIENCES:

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### **Ghana Armed Forces / National Service Personnel (Programmer)**

NOVEMBER 2022 - OCTOBER, 2022, LA DEDE KOTOPON

- Networked computers and promptly resolved troubleshooting concerns.
- Configured routers to enhance network connectivity.
- Utilised Laravel and PHP programming to develop web applications.
- Conducted hardware installations and verified proper operation.
- Managed database structures for various web projects.
- Implemented features and functionalities within Laravel-based applications.
- Collaborated effectively with development teams to deliver high-quality software.
- Ensured security and optimised performance of Laravel applications.
- Acquired expertise in PHP programming and adhered to Laravel best practices.
- Executed data conversions and maintained accurate data entries.
- Contributed to data management and structuring during national service.

### **Akim State College / Account Clerk**

OCTOBER 2021 - MARCH 2022, AKIM ODA-ASENE

- Managed financial records and transactions.
  - Oversaw accounts payable and receivable functions.
  - Prepared financial reports, including balance sheets.
  - Maintained accurate and organised financial records.
  - Assisted in budgeting and financial planning.
  - Collaborated with auditors during financial audits.
  - Ensured compliance with accounting standards and policies.
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**Birim Central Municipal Assembly/ Intern (Programmer)**

JUNE 2021 - SEPTEMBER 2021, AKIM ODA

- Gained experience via involvement with the local assembly.
- Effectively use and maintain a variety of office tools, including printers.
- Carried out data entry operations precisely and quickly.
- Used Microsoft Excel for data analysis and reporting with a great level of expertise.
- Acquired expertise in computer hardware repair, guaranteeing the efficiency of hardware elements.
- Shown ability in document editing and formatting as well as good typing abilities.

**Akim State College / E-Librarian/Librarian**

SEPTEMBER 2019 - OCTOBER 2020, AKIM ODA-ASENE

- Efficiently managed university library resources.
- Provided support to students, faculty, and researchers.
- Developed effective information retrieval techniques.
- Enhanced digital collections and digitised resources.
- Oversaw library technology, including automation systems.
- Organised library events and workshops for information literacy.
- Collaborated with academic departments to meet research needs.
- Assisted in the acquisition and budgeting of library materials.
- Contributed to policy development and implementation.
- Implemented digital library services and resources as E-librarian.

**The Prince of Zion Academy / Teacher (Science and Mathematics)**

SEPTEMBER 2015 - AUGUST 2018, KAKASUNAKA NO.2

- Taught mathematics and science classes.
- Created interesting lesson plans and skilfully presented them.
- Helped pupils grasp difficult subjects.
- Conducted evaluations and offered helpful criticism.
- Created a climate in the classroom that is conducive to student involvement.
- Mentored and assisted pupils in developing academically and personally.
- Participated in educational activities and the development of curricula.
- Helped the school attain its academic goals during a three-year period.

## **PROJECT EXPERIENCES:**

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**Ongoing Inventory Control System (Ghana Armed Forces DIT)**

- Currently developing 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.

**(Akim State College - Final Year Project) Gym Management System with SMS and Messaging Integration**

- 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 were 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:**

- Chief Justice – Student Representative Council, Akim State College, Akim Oda (2021/2022)
- Class Representative – Akim State College, Akim Oda (2018-2022)
- Publicity Committee - LaDMA National Service Personnel Association (2022/2023)
- 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.

### **Mount Zion international School / Student**

JANUARY 2004 - JUNE 2012, KAKASUNAKA NO.2, MICHEL CAMP.

All core and elective subjects.

## CERTIFICATES ACQUIRED:

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- BSc. Computer Science (August 2022)
- National Service Scheme Certificate (October 2023)
- WASSCE Certificate (June 2015)
- Basic Education Certificate Examination (April 2012)
- Akim State College SRC Certificate of Honor as Chief Justice. (September 2022)
- Certificate of Participation – **Skill Enhancement and Sundoulos Advanced Leadership Training** (NSS and SALT Institute) - September 16, 2023
- Certificate of Participation – **Change Management: Embracing the Future through Strategic Adaptation** (Athena Global Education on 06-November-2023)
- Certificate of Participation – **Predictive Analytics workshop with Python** (Athena Global Education on 15-January-2024)
- Certificate of Participation – **Open House: Master in Engineering Management** (Athena Global Education on 23-January-2024)
- Certificate of Participation – **Target Zero Malaria: Roadblocks & Strategies** (Athena Global Education on 25-January-2024)
- Certificate of Participation – **Sustainable Real Estate: Building a Greener Future** (Athena Global Education on 02-February-2024)
- Certificate of Participation – **Higher Education, Simplified** (Athena Global Education on 17-February-2024)
- Certificate of Participation – **Brand Revival: How Starbucks Bounced Back from the 2008 Crisis** (Athena Global Education on 27-February-2024)

## SKILLS /COMPETENCE:

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### TECHNICAL (IT) SKILLS:

- **Programming Tools:** Eclipse, NetBeans, MS Visual Studio, Xampp, Wamp, Visual Studio Code, JetBrains (IntelliJ and PyCharm), Android studio.
- **Design Tools:** Adobe Photoshop, and CorelDRAW
- **Database Management:** SQL Server 2014 and Date, MS Access, MS Excel, MySQL
- **Languages:** PHP, Java, HTML, CSS, C++, C, C#, JavaScript, Python, Veb.net
- **Model View Controller:** Laravel
- **Research and Planning:** Identifying Problems, Gathering Information, Developing Evaluations, Calculating Results
- **Cloud-Based Technologies:** GCP, Git, GitHub, MS Office 365

### SOFT SKILLS:

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

## INTERESTS:

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- **Teaching:** Passionate about imparting knowledge and helping others learn.

- **Typing and Designing:** Enjoy creating and formatting documents and designs.
- **Computer Networking:** Fascinated by the world of computer networks and connectivity.
- **Database Management:** Skilled in organizing and managing data efficiently.
- **Hardware Repairs:** Proficient in diagnosing and fixing hardware issues.
- **Computer Programming:** Enthusiastic about coding and developing software solutions.
- **Analysing and Solving Problems:** Skilled at identifying and resolving issues through observation and critical thinking.
- **Researching:** Enjoy conducting research to gather valuable insights.
- **Watching Documentaries:** Interested in gaining knowledge through visual storytelling.
- **Music:** Love listening to music, finding inspiration in various genres.

## **REFEREES:**

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**WOI Osman Ibrahim/** Admin WO

Ghana Armed Forces/ GAFI- BURMA CAMP – ACCRA

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**Mr. Alfred Anarfi/** Senior Administrative Officer

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**Mr Philip Darko/** Former Registrar and Lecturer

Akim State College - AKIM ODA

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