JONAH I.

Programmer, Graphic Designer and an Educator

AJAAH JONAH INUSAH

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Profile

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.

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Skills

TECHNICAL (IT) SKILLS:

Programming Tools: Eclipse, NetBeans, MS Visual Studio, Xampp, Wamp, Visual Studio Code, JetBrains (IntelliJ and Pycham), 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: AWS, GCP, Git, GitHub, Ms Office 365

SOFT SKILLS:

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

Experience

Professional Experiences:

Ghana Armed Forces / National Service Personnel
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.

Birim Central Municipal Assembly/ Intern
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:

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 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.

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.

Interest

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.

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Reference

WOI Osman Ibrahim/ Admin WO
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