Annan Roberts Junior
Software Developer

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PROFESSIONAL SUMMARY

- 8+ years in programming. Mastered VBA, C++, Java, C#, JavaScript, HTML, CSS, Core PHP, Typescript, AL, Python and many programming tools over these years.

- Very experienced in popular programming methodologies such as Agile and Waterfall models.

- Extensive use of the tools in Agile development environment such as Scrum, Scrum master, Product Backlog and Sprint Backlog.

- Very experienced in code reviewing and debugging.

- Have worked with many programming frameworks such as React, Express, NextJs, and .Net.

- Experienced in both SQL and NoSQL database management systems. Can handle programs written in Mongo DB, MySQL, Dataverse and Firebase.

- Expert in the Mongo DB, Express, React and Node (MERN) stack.

- Very experienced in development across all notable platforms (ie, mobile Apps, websites and desktop applications).

- Very good in teamwork and cooperate environments.

- Familiar with GitHub, Discord, Stackoverflow and other programmers' communities.

- Very expert in Ms Excel and Ms Access. I can create a standalone database application in Access with VBA.

- Find it interesting to transfer programming knowledge to others. For that reason, I've created a YouTube channel where I post programming tutorials in C#, SQL, C++, Python and Javascript.

- Familiar with most popular IDEs such as Vs Code, Visual Studio, IntelliJ, Pycharm, PoPSQL, NetBeans and PyCharm.

- Very good with Microsoft platforms such as Microsoft 365 suit, Dynamics 365 Sales and the Power Platforms along with their admin centres.

EDUCATION:

- Bachelor of Science in Information Technology – University of Ghana, Ghana – 2023

- Business – Shama Senior High School, Western Ghana - 2016

TECHNICAL SKILLS:

Methodologies	Agile, Waterfall
Web Technologies	HTML, CSS, React, Next, JSON, NodeJS, Tailwind, Express
Scripts	Javascript and Typescript
DBMS	Mongo DB, MySQL, Firebase, Dataverse
Servers	Render, Vercel, Netlify, 000WebHost, Infinity, Heroku

Frameworks	.Net, React, Express, Next
IDEs	Vs Code, Visual Studio, Atom, PyCharm, IntelliJ, NetBeans
PaaS	MS 365, Dynamics 365, Power Platforms
Managed Environment	Expo
Version control	GitHub
Middleware	REST API
Operating System	Windows

SPECIAL SKILLS:

Design	Figma, LucidChart
Ms Office tool	Access, Excel

PROFESSIONAL CERTIFICATION:

MS – 700 – Teams Administration

JOB EXPERIENCE:

Molaprise – East Legon, Accra Ghana   **November 2023 – May 2024**

Role: Jnr Engineer

Responsibilities:

- Automation of tasks with Microsoft Power Automate.

- Creating onboarding portal for incoming employees with Microsoft Power Pages, HTML, CSS and Microsoft Dataverse.

- Creating portal apps for the organization in the form of mobile and tablet applications with Microsoft Power Apps.

- Assisting with the development of the organization's new website.

- Configuring the organization's collaboration settings and policies with Microsoft Teams Admin Centre and Microsoft Entra ID.

- Assisting with the creation of dynamic groups with coding in Entra ID.

- Creating Microsoft Lists for organization with Microsoft SharePoint.

- Creating miscellaneous tasks for the organization's employees with Microsoft Forms and Microsoft Planner.

- Give opinions on technical decisions regarding compliance policies for the organization.

- Give technical opinions with the organization's relations with external partners.

Hybrid jobs – Accra, Ghana   **June 2020 – November 2023**

Role: Developer

Responsibilities:

- Created backend APIs with NodeJS for organizations.
- Worked with team members on frontend of applications with HMTL, React, CSS, Tailwind. These were desktop applications, websites and mobile apps.
- Created desktop applications in Java and C# for small businesses.
- Organized paid online tutorials for people to learn NodeJS, React, C# and SQL.
- Designed Ms Access and Excel apps for organizations.

Westminster Consult - Shama Junction, Western Ghana   **January 2019 – September 2019**

Role: Snr Developer

Responsibilities:

- Created a desktop application for the organization with Java and SQL in NetBeans.
- Installed Windows OS on every computer.
- Installed all the necessary tools and applications needed by every employee.
- Served as an admin for the network connections.
- Created Excel applications to collect mini records.
- Supervised and checked the usage patterns and the health conditions of every computer.
- Created compliance policies on every computer based on the firm's rules.
- Fixed problems with computers.

SHACCU Co-operative Credit Union, Shama, Western Ghana   **December 2016 – December 2018**

Role: Sales Executive

Responsibilities:

- Created Excel sheets for my managers to take some records.
- Created Excel sheets for my departments to record records that were not handled by the organization's system.
- Balanced accounts at the end of every months.
- Fixed computers, networks and printers at my branch.
- Supervised mobile bankers.
- Prepared and submitted loans for approvals.
- Approved and declined loan requests from customers based on their strengths in savings.
- Registration of accounts.
- Educated customers about the policies of the organization.
- Disbursed savings books to mobile bankers to give to new customers.

- Preparation of weekly performance review reports to the manager.

- Allocation of customers to mobile bankers.

- Assisting mobile bankers to enter transactions.

- Occasionally served as a customer service representative when the person in charge was not available.

Genuine Home Appliances - Manso, Western Ghana   **May 2016 – December 2016**

Role: Sales Representative

Responsibilities:

- Developed a database application with Ms Access for the firm.

- Taking records of stocks.

- Taking records of suppliers and debtors.

- Book-keeping of transactions.

- Preparation of reports

MAJOR PROJECT

- Worked with one of my lecturers in configuring and deploying Wireless Sensor Network (WSN) simulators in 2021. I was an intern back then. We wanted to monitor air and water quality in the environment. We used C++ and Python to configure these simulators. At the University of Ghana, it was regarded as one of the major projects completed during my time as a student.