

ABDULAHI MOHAMED MOHAMUD

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CURRICULUM VITAE

BACKGROUND:

Creative and technical web development professional years of experience with proficiency as well as ability to communicate effectively in a team setting. And possessing a strong willingness to learn about entrepreneurship and business seeks to apply for the position.

I am a highly skilled and motivated Computer Science professional with a passion for developing innovative software solutions. With a strong educational background in IT technician and practical experience in software development, I possess a solid foundation in programming languages, software design principles, and problem-solving techniques. My expertise spans various domains, including web development, mobile app development, and data science. I thrive in collaborative environments, working effectively in cross-functional teams to deliver high-quality software products.

SKILLS & COMPETENCE SUMMARY

- **Leadership:** Serving as principal liaison with donors and external stakeholders for monitoring and evaluation activities and impact assessments to better guide the strategic direction of program via empirical measurement. Providing oversight to program Assistants and guidance to organizational leadership on all things data.
- **Management:** Developing knowledge management tools and strategies to nurture program improvement and efficiency of staff. Creating and implementing work plans to best adhered to longterm programmatic vision. Managing staff with a wide range of abilities and skill sets from contract to permanent to volunteers.
- **Programming:** Proficiency in programming languages is crucial for software work. Developers should have a strong command of languages like Python, Java, C++, or JavaScript, depending on the specific software stack and requirements.
- **Problem-Solving:** Software professionals need excellent problem-solving skills to analyze complex issues, break them down into smaller components, and develop effective solutions. They should be able to think analytically and logically to troubleshoot and debug code.
- **Software Design and Architecture:** Understanding software design principles and architectural patterns is essential for creating scalable, maintainable, and efficient software systems. Professionals should be familiar with concepts such as object-oriented programming, design patterns, and modular design.
- **Technical:** Developing process and outcome indicators and impact metrics. Leading the organization towards the use of more advanced statistical methods, greater electronic data collection, more rigorous data quality, and the interpretation and insightful presentation of data.
- **Strategic thinking and vision:** works strategically to realize the Organization's goals and communicates a clear strategic direction.
- **Communication and Collaboration:** Effective communication and collaboration skills are essential for working in a team or interacting with clients and stakeholders. Software professionals should be able to clearly articulate their ideas, actively listen, and collaborate with others to achieve project goals.
- **Continuous Learning:** The field of software development is constantly evolving, and professionals need to stay updated with the latest technologies, frameworks, and best practices. They should have a passion for continuous learning and be proactive in acquiring new skills.

QUALIFICATION SUMMARY

1. Highly skilled software engineer with 2 years of experience in developing and delivering high-quality software solutions.
2. Solid educational background in computer science or a related field, with a bachelor degree from Rift Valley university.
3. Proficient in programming languages such as C++, Java, Python , PHP.
4. Strong understanding of software development methodologies, including Agile practices and the complete software development lifecycle.
5. Experience collaborating in cross-functional teams to design, develop, and deploy software applications.
6. Proven ability to analyze complex problems, propose innovative solutions, and implement them efficiently.
7. Skilled in identifying and debugging software issues, utilizing testing frameworks and debugging tools.

8. Familiarity with software design patterns, software architecture principles, and best practices in software development.
9. Excellent communication and interpersonal skills, able to effectively collaborate with team members and communicate technical concepts to non-technical stakeholders.
10. Strong time management and organizational skills, able to prioritize tasks and meet project deadlines.
11. Demonstrated leadership, strong project management and supervisory skills.
12. Proficient in Microsoft office and statistical software SPSS, QuickBooks, etc.
13. Professional Language Spoken in English, Arabic and Fluent in Somali.

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Dire Dawa University	Bachelor of Software Engineering
Sitti Medical And Business (2020-2024)	Bachelor of Business Management
Gurmad Scientific Collage (2021- 2022)	Diploma of Database Administration
Dire Dawa Polytechnic Collage (2023-2024)	Certification of Computer Maintenance
CISCO	Cisco Certified Network Association

1. **Language skills:** Indicate competence on a scale of Basic, Fluency and Native.

Language	Reading	Speaking	Writing
Somali	Native	Native	Native
English	Fluent	Fluent	Fluent
Arabic	Fluent	Basic	Fluent

2. **Other skills:**

- System Analysis
- Certified Data Analytics
- Programming Languages
- Game Design
- Communication Skills
- Client Server Systems
- Problem Solving
- Frontend and backend Coding
- Professional Language Spoken in English, Arabic and Fluent in Somali.

3. **Present position: Operational Manager At Amana Security Tech,** LasAnod-SSC-Khaatumo Somalia.

4. **Key Trainings attended and obtained: (Relevant to the project)**

Software Engineering Boot camp.
Conflict resolution and Management.
Cloud Computing Certification.
Database Management Certification.
Web Development Framework Training
Cyber security Training

Professional experiences:

Date from - Date to	Location	Organization & reference person (Name & contact details)	Position	Duties and Responsibilities
JUNE 2023	Bosaso, Puntland, Somalia	<p>Somtel Company</p> <p>Head Of software development</p> <p>Eng Mohamud Omar Firin</p> <p>Mohamud.omar@somtelnet-work.net</p> <p>Mob + 252 (90) 7460502</p>	Assistance of software Developer	<p>1 Programme Development, Planning and Representation</p> <p>1.1 Inform and advise the development of projects relating to relevant Thematic Programme Priorities, through developing effective networking with Another Systems</p> <p>1.2 Support the project team to integrate the views of Software Testing Assist in the testing phase by executing test cases, identifying and reporting bugs, and participating in the resolution of issues. This may involve manual testing, as well as utilizing automated testing tools or frameworks.</p> <p>2 Project Implementation</p> <p>2.1 Development Environment Setup: Set up the development environment, including installing necessary software tools, libraries, frameworks, and databases required for the project.</p> <p>2.2 Code Development: Write code to implement the functionalities and features outlined in the software design. Follow coding standards, best practices, and the chosen programming language to develop clean, efficient, and maintainable code.</p> <p>2.3 Documentation: Create and maintain technical documentation, including user manuals, installation guides, and API documentation. Document the software design, architecture, and implementation details to facilitate future maintenance and support.</p> <p>3 Monitoring, Evaluation and Reporting</p> <p>3.1 Software monitoring involves continuously observing and measuring the behavior and performance of a software system in real-time. It helps identify issues, bottlenecks, and anomalies, allowing for proactive intervention and</p>

				<p>problem resolution. Monitoring in software engineering can include.</p> <p>3.2 Software evaluation focuses on assessing the software's quality, functionality, and alignment with requirements. It involves systematic testing, analysis, and review of the software to ensure it meets the desired standards. Evaluation activities in software engineering can include:</p> <p>Functional Testing: Testing the software against specified requirements to ensure it behaves as expected.</p> <p>Non-functional Testing: Evaluating aspects such as performance, security, usability, and scalability to ensure the software meets the desired quality attributes.</p> <p>Code Review: Analyzing the source code to identify potential issues, adherence to coding standards, and opportunities for improvement.</p> <p>3.3 Reporting in software engineering involves communicating the results of monitoring and evaluation activities to stakeholders. It provides insights into the software's performance, quality, and adherence to project objectives. Reporting activities can include:</p> <p>Status Reports: Regular updates on the progress of software development, including milestones achieved, issues encountered, and risks identified.</p> <p>Defect Reports: Documentation of identified defects, their severity, and steps to reproduce them.</p> <p>Quality Assurance Reports: Summarizing the results of testing activities, including test coverage, test cases executed, and identified issues.</p>
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Feb 2019 – May 2020	Garowe, Puntland Somalia.	<p>Young African Development Organization</p> <p>Mohamed Mohamud</p> <p>Program Coordinator Ydaorgan@gmail.com.</p> <p>Mob + 252 (90) 7561156</p>	Food Security, Livelihood and microfinance	<ul style="list-style-type: none"> • Collaborate with other agencies involved Food Security programs • Support to pastoral/agro-pastoral production systems, including semi-urban and urban livestock production • Intervene in restocking emergency operations • Increment of entrepreneurial ventures • Increased levels of computer literacy levels
Oct 2023	Dire Dawa, Ethiopia	<p>Afronex Tech Hub</p> <p>Tsega E</p> <p>General Manager afronexhub@gmail.com</p> <p>Mob +251 902496151</p>	Software Developer	<ul style="list-style-type: none"> ▪ Analyze the needs of the user ▪ Design, test and develop the software to meet those needs ▪ Recommend upgrades for existing systems and programs ▪ Develop separate elements of a software that work well in the program as a whole ▪ Create various diagrams, flowcharts and models that illustrate the type of code needed for programmers ▪ Ensure continued functionality of a program during maintenance and testing of software

5. Other relevant information (e.g. trainings, workshops)

- From November to December 2020: Professional Certificate in Project Management, Last Mile learning.
- November to December 2015: Professional Certificate in Programming Language by AfroNex Tech Hub.
- May 2021: Teacher training certificate by Garowe Teachers Education College.
- September 2022, Digitalized Data Collecting at Dire Dawa University.
- July 2022 : IT for business at HP Company
- Sep 2023 – Training for Project Management Methodology at Somali Training Center
- Cloud Computing Certification: Cloud computing has become an integral part of software development. Certifications from major cloud providers like Amazon Web Services (AWS), Microsoft Azure, or Google Cloud Platform (GCP) showcase proficiency in cloud-based development, deployment, and management.
- Machine Learning and Data Science Training: With the rise of artificial intelligence and data-driven applications, software engineers often pursue training in machine learning and data science. Certifications in these areas demonstrate the ability to apply machine learning algorithms and analyze data effectively.

References:

1. Abdikarim Abdirahman , **CTO – Puntland,Somtel Company**,Bosaso, Puntland-Somalia..
E-mail: Cabdikariim.cabdiraxman@somtelnetwork.net
2. Mohamud Omar Firin, **Software Programmer** – Puntland Somtel Company Bosaso Office.
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3. Mohamed Mohamud Ismail, **Programme Coordinator Young Africans Development Action (YDA)**, Tel: +252 90 7561156, E-mail: Ydaorgan@gmail.com.
4. Tsega E. **General Manager** , AfroNet Tech Hub , afronexhub@gmail.com