

CURRICULUM VITAE

Personal Information

Surname / First name	NYIRENDA, JACOB SAULO
Gender	Male
Date of birth	21/06/1997
Marital status	Single
Nationality	Tanzanian
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Education Background

University Education

Date	November, 2020 – November, 2023
Award	Bachelor of Science in Information Systems
Advanced Modules	Principles of Programming Languages, Introduction to High level Programming, Introduction to IT Security, Internet Programming and Application I & II, Operating Systems, Database Management Systems, Introduction to Linux/Unix Systems, Object Oriented Programming in Java, Statistics for Information Analysis, Organizational Change and Development, ICT Laws and Ethics, Business Analytics – Principles and Application, Mobile Application Development, ICT Project Management, Business Intelligence Systems and Data Visualization, System Analysis and Design.
Institution	University of Dodoma, Department of Information Systems and Technology, Dodoma, Tanzania.
Skills attained	Developed Coding/Programming, Web 3.0 enthusiast, Bitcoiner, analytical thinking, data management, problem solving and writing skills, capacity of original thinking strengthened, and effective working relationship established. Being well organized and time efficient through university presentations and projects.
Dates	November, 2017 – November, 2019
Award	Diploma in Information and Communication Technology
Advanced Modules	Introduction to High Level Programming with C++, Design and implementation of Website, System Analysis and Design, E-Learning Tools, Introduction to IT Security, Introduction to Computer Architecture and Organization,

	Introduction to Database Management Systems, Introduction to Computer Networking, Linux Operating System, Linux System Administration, Visual Basic (VB) Programming, Internet Programming and Application, Professional Issues and Ethics, Computer Hardware Maintenance, Electronic Commerce, Project Management and Entrepreneurship.
Institution	University of Dodoma, Department of Information Systems and Technology, Dodoma, Tanzania. Skills attained Developed analytical thinking, programming/coding, data management, problem solving and writing skills.
Dates	November, 2016 – November, 2017
Award	Certificate in Information and Communication Technology
Advanced Modules	Introduction to Programming Concepts with C++, Introduction to Unix/Linux, Introduction to Operating Systems, Fundamentals of Information Technology, Basic Computer Application, Computing Mathematics I and II, Database Management Systems, Business Communication, Web Fundamentals, Computer Hardware and Maintenance, Introduction to Computer Architecture and Organization.
Institution	University of Dodoma, Department of Information Systems and Technology, Dodoma, Tanzania. Skills attained Developed programming ability, data management, problem solving and writing skills.
Ordinary Level Secondary Education	
Dates	January, 2011 – November, 2014
Award	Certificate of Secondary Education (CSEE).
Core subjects	Basic Mathematics, Chemistry, Biology, History, English, Geography, Civics and Kiswahili.
School	Mbeya Secondary School – Mbeya, Tanzania.
Work and Experience	
Dec 2023 – Feb, 2024	Yana Corp worked as a Software Developer
	Duties
	Design and develop responsive web apps.
	Create and update technical documentation.
	Collaborate with team on open-source projects.

Nov, 2022 – June, 2023	<p>Final Year Project at University of Dodoma worked as a Software Developer</p> <p>Duties</p> <p>Design and develop VICOBA Defaulter's Prediction System using AI.</p> <p>Prepare dataset for VICOBA Defaulter's Prediction System.</p> <p>Create VICOBA Defaulter's Prediction model using Random forest Algorithm.</p> <p>Develop a web-based interface.</p> <p>Integrate the model with web-based interface.</p>
Aug, 2023 – Sept, 2023	<p>Eth Safari Hackathon Project</p> <p>Duties</p> <p>Create a market place that uses blockchain technology ICP.</p> <p>Develop with React, Motoko.</p> <p>Link: SafariBlockTrade.</p>
Aug, 2022 – Jan, 2023	<p>Field Practical Training at eGA Research Innovation and Development Center in Dodoma at University of Dodoma, College of Informatics and Virtual Education</p> <p>Duties</p> <p>Develop a web application solution that allows users to search for community-related material.</p> <p>Web application developed with Django, MongoDB, and Vue.</p>
Dec, 2022 – March, 2023	<p>Web 3.0 development at University of Dodoma, College of Informatics and Virtual Education.</p> <p>Under: Udom Blockchain Club</p> <p>Duties</p> <p>Develop a Counterfeit Product Detection System that uses blockchain technology to store and detect fake products.</p> <p>Structure a front-end using React.</p>
Feb, 2020 – Jan, 2021	<p>Locomotive Attendant at Tanzania Zambia Railway Authorities – TAZARA, Dar es Salaam Tanzania.</p> <p>Duties</p> <p>Attend a locomotive ready for journey. Mechanical works, oil filling, initial car check ups.</p>

Personal Skills and Competences

Languages More proficient using English and Swahili. Conveys complex or technical information in a clear language for non-specialists, ability to listen and comprehend, proven

	communication skills in university presentation, and report writing.
Programming Proficiency	Competent in Python, Java, Php, Javascript, Solidity, HTML/CSS, Bootstrap, React, Django, Laravel, MySQL and PostgreSQL
	Web 3.0: Internet Computer Protocol – ICP Blockcain.
Computer skills	Proficiency in most basic computer applications, Internet and good knowledge of Microsoft Office Applications especially Microsoft Word, PowerPoint, Excel.
	Certificated Bitcoiner.
Development tools	Git/Github, VS Code, Google Keep and Drive, Basic knowledge in R software.
Personal interests	Basketball, Movies, Music, Football and Books.
Personal Objective	I am a proficient software developer with a robust foundation in Information Systems. Additionally, I am an ardent enthusiast of Web 3.0 and possess a profound comprehension of the Bitcoin Blockchain technology. I'm eager to work in diverse environment Culture, Strong work ethic and Self-motivated.

Training / Workshops

Oct, 2023–Dec, 2023	The Bitcoin Diploma an online course
Trainer	The Core
Module	The power of money, From barter to Bitcoin and CDBC's, The dark side of Fiat, Unvelling the future of Money, Bitcoin Wallets, Unlocking the secrets of Bitcoin's inner Working.

Social Media

Github	@Jacobgijjah
X / Twitter	@gijjah_jacob
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Referees

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Declaration

I Nyirenda Jacob Saulo declare that all the above information regarding me is true and authentic to best of my knowledge and belief.