



CURRICULUM VITAE OF BENJAMIN N. MODIMOKWANE

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B.N



PERSONAL INFORMATION

SURNAME	: Modimokwane
NAME	: Benjamin Ndumiso
HOME ADDRESS	: 13649 Kutlwanong Street Kagiso 2 Mogale City 1754
CELLPHONE NUMBER	: 083 447 4708 / 082 263 2613
E-MAIL ADDRESS	: modimokwanen@gmail.com ndumiso.sopitch@gmail.com
DATE OF BIRTH	: 02 November 1992
IDENTITY NUMBER	: 9211025080080
NATIONALITY	: South African
GENDER	: Male
MARITAL STATUS	: Single
HOME LANGUAGES	: Setswana
OTHER LANGUAGES	: English & Xhosa
CRIMINAL OFFENCE	: None
DRIVERS LICENSE	: None
INTERESTS	: Music & Programming

TERTIARY EDUCATION

<u>Institution</u>	<u>From – To</u>	<u>Qualification</u>	<u>Major Subjects</u>	<u>Year Graduated</u>
Monash South Africa	2012 - 2013	Foundation Program	Information Technology	Not Completed
PC Training & Business College	2013 - 2015	Bachelor of Science in Information Technology	Specialisation in System Development	2015

PROFESSIONAL CERTIFICATES

<u>Date</u>	<u>Company</u>	<u>Name of Certificate</u>
Feb 2017	IBM	IBM Certified Application Developer – Cloud Platform V1
	IBM	OTHER CERTIFICATES Click Here

SCHOOL EDUCATION

LAST SCHOOL ATTENDED : Madiba Comprehensive School

HIGHEST GRADE PASSED 12

YEAR PASSED 2011

SUBJECTS PASSED : English
Business Studies
Setswana
Economics
Accounting
Mathematical Literacy
Life Orientation

SKILLS AND COMPETENCIES

SOFT SKILLS & METHODOLOGIES

- Agile/Scrum Mastery
- Code Review & Technical Mentorship
- Continuous Improvement & Lean Thinking
- Cross-functional Collaboration
- Stakeholder Communication & Reporting

LEADERSHIP SKILLS

- Strategic Problem Solving & Decision Making
- Technical Leadership & Vision
- Team Empowerment
- Project Planning & Execution
- Adaptability & Change Management
- Innovation & Creativity

TECHNICAL PROFICIENCY

- Code Quality and Assurance (SonarQube, SonarLint)
- Proficiency in Mac OS and Linux Environments
- Cloud Computing Platforms (AWS, Azure, GCP)
- CI/CD Tools (Jenkins, GitLab CI/CD, CircleCI)
- Version Control Systems (Git, GitHub, GitLab)
- Containerization & Orchestration (Docker, Kubernetes)
- Scripting & Automation (Bash, Python, PowerShell)

SKILLS MATRIX

	LEVEL
1	Training only
2	Limited Practical Experience
3	Through Practical Experience
4	Extensive Experience
5	Specialist Experience

<u>LANGUAGE/Framework</u>	<u>LEVEL</u>	
JAVA EE / SE	4	Proficient in Java SE and Java EE, including multi-threading, concurrency, and enterprise-level applications.
SQL / NO SQL	3	Solid understanding of ANSI SQL relational database design, and query optimization.
WEB (HTML5, CSS3, JavaScript, Bootstrap, Typescript)	5	Expert in modern web development, including responsive design with Bootstrap, and proficient in HTML5, CSS3, and JavaScript.
ANGULAR/ANGULARJS	5	Expert in building dynamic single-page applications with Angular and AngularJS.
ANDROID (NATIVE)	4	Practical experience in developing native Android applications using Android SDK.
ANDROID (HYBRID)	5	Experience in building cross-platform mobile applications using Ionic and Cordova.
NODE.JS / LOOPBACK	4	Extensive experience in backend development using Node.js, including building RESTful APIs.
DOCKER / KUBERNETES	3	Experience in containerization using Docker for deployment and CI/CD pipelines.
API (OPEN API/SWAGGER, REST API, WEB API, SOAP)	5	Experienced in developing scalable REST APIs and SOAP OpenAPI/Swagger for clear API documentation. Proficient in building Web APIs using .NET

WORK EXPERIENCE

Employer	The Digital Academy
Position	Intern (Mobile Application/Software Developer)
Appointment Date	01 February 2016 - 28 April 2016
Job Description	<ul style="list-style-type: none"> - Developed a mobile application and a content management system. - Developed OTTO, a crowd-sourcing platform content management system used for publishing, storing, and updating the elements that exist on the website and mobile application <li style="padding-left: 40px;">- Features: <ul style="list-style-type: none"> ▪ Video Calling (Mobile Application & CMS) ▪ Chatting (Mobile Application & CMS) ▪ Maps (Mobile Application) - Collaborated with the design team to create user-friendly interfaces for both the mobile application and CMS. - Participated in the testing and debugging phases to ensure the application met quality standards and user requirements. - Assisted in documenting the development process and user guides for future reference.
Programming Languages Used	Android Studio, XAMPP, PHP, SQL, HTML, CSS, JavaScript, Git, Firebase, RESTful APIs, JSON, Bootstrap, Apache, MySQL
Status	Contract Expired
Employment Type	Contract (3 Months)
End Of Contract Date	28 April 2016

Employer	IBM South Africa
Position	Cloud Ecosystem Development
Appointment Date	01 July 2016 – 31 March 2017
Core Tasks	<ul style="list-style-type: none"> - Developed applications, services & demos using IBM Bluemix (Cloud Platform), Watson services, & Watson IoT. - Provided technical mentorship to startups and developers, helping them build their applications on IBM Bluemix and integrate Watson cognitive services into their applications. - Assisted numerous startups in onboarding to the cloud platform, guiding them through best practices for cloud architecture and deployment. - Demonstrated the use of various IBM cloud services, including IBM Cloud Functions, IBM Cloud Kubernetes Service, and IBM Cloud Object Storage, to enhance scalability and flexibility of applications. - Conducted workshops and training sessions for developers on leveraging IBM Cloud and Watson services to create innovative solutions.
Tech Stack	IBM Bluemix, NodeJS, Java, Liberty for Java, Node-Red, ASP.NET, AngularJS, Express, Spring Boot, IBM Watson IoT, Docker, Kubernetes, Jenkins, MongoDB, MySQL, OpenAPI, RESTful APIs, GraphQL, IBM Watson, Ethereum, Android Studio, XAMPP, PHP, SQL, HTML, CSS, JavaScript, Git, Firebase, JSON, Bootstrap, Apache, MySQL
Status	Contract Expired
Employment Type	Contract (6 Months) + Extension 3 Months
End Of Contract Date	31 March 2017

Employer	Tetrad IT (ABSA)
Position	Junior Software Developer (Integration Specialist)
Core Task	<ul style="list-style-type: none"> - Worked with Java (Maven), SQL, SOAP UI, and Axis2 Web Services to develop robust web services for integration. - Developed data translation objects and data processing flows for Master Data Management (MDM), ensuring clear communication with different Lines of Business (LOB) regarding data format requirements. - Created the Orchestration Web Layer (OWL) to facilitate integration with Oracle Customer Hub using WSDL, enhancing data orchestration and management. - Collaborated with cross-functional teams to define and implement service integration standards and best practices. - Integrated with Enterprise Data Quality (EDQ) and WebLogic, optimizing the data flow and ensuring data integrity.
Appointment Date	03 July 2017 – 01 May 2019
Tech Stack	Java EE, Maven, Axis2, WSDL, Oracle Customer Hub (OCH), Enterprise Data Quality (EDQ), WebLogic, SQL, Siebel SOAP UI, Jmeter
Employment Type	Permanent

Employer	Tetrad IT (ABSA)
Position	Full Stack Developer (Integration Specialist)
Core Tasks	<ul style="list-style-type: none"> - Worked with Angular, Jenkins, SonarQube, PM2, and Apache to develop client-facing applications, focusing on scalability and security. - Developed a client onboarding system called Activity Tracker, streamlining the customer registration and verification process, and integrated with ABSA's internal systems for seamless data flow. - Integrated the system with ABSA's Active Directory Federation Services (ADFS), enabling users to log in using their AB number, improving the security and efficiency of the login process. - Optimized application performance by implementing best practices in database management using SQL and MongoDB, ensuring robust data handling and retrieval. - Implemented continuous integration and delivery pipelines using Jenkins and automated code quality checks using SonarQube
Appointment Date	01 May 2019 – 25 May 2020
Tech Stack	Node.js, SQL, Angular, Jenkins, SonarQube, PM2, Apache, MongoDB, ADFS, SQL
Employment Type	Permanent

Employer	IBM South Africa (MTN SOUTH AFRICA)
Position	Full Stack Developer
Core Tasks	<ul style="list-style-type: none"> - Developed and maintained the MTN Insurance Portal (CBU), built the MTN Insurance Funeral Khava & MTN Insurance Contract Protector, and integrated Auth0 into the MTN Insurance Claims Portals to enhance user authentication and security while ensuring high performance. - Developed and integrated reusable UI components from the MTN Design System, ensuring consistent branding and user experience across all insurance-related platforms. - Leveraged NgRx to integrate the portal with Service-Oriented Architecture (SOA) and downstream systems, ensuring efficient state management and data flow. - Built and maintained RESTful APIs using Loopback (Node.js) to support backend services, enabling secure and scalable data access across the MTN Insurance ecosystem. - Provided ongoing support, troubleshooting, and continuous improvements for the MTN Insurance portal, ensuring high availability, minimal downtime, and efficient issue resolution. - Implemented performance optimization strategies, focusing on reducing page load times, improving database queries, and enhancing system scalability for high-traffic environments. - Conducted testing using Jasmine to ensure the reliability and quality of the applications, writing unit tests for components and service
Appointment Date	01 June 2020 – 01 Nov 2024
Tech Stack	Loopback (API Connect), Angular, Red Hat, Git, TypeScript, NodeJS, NgRx, InVision, Figma, MTN Design System (Bootstrap, CSS, HTML), Jasmine
Employment Type	Permanent/Contract

- * **All projects** from **IBM & MTN** are WITHHELD due to non-disclosure agreement .
- * **All projects** under **TETRAD IT** for ABSA, are WITHHELD due to non-disclosure agreement but available upon request.
- * **All projects** under **LIGHTBLUE** for WOOLWORTHS, are WITHHELD due to non-disclosure agreement but available upon request.

Successful Extra Personal Projects: [Biskop.fun](#) , Novice Hub, Areyeng (Let's Go), [Personal Website](#)

Project Name:	Biskop
Description:	A Movie/ Series Streaming Platform
Link	Biskop.fun

Project Name:	Novice Hub (News Hub) – Mobile App
Description:	A News Hub – Containing all LOCAL MAJOR Newspapers in South Africa
Link:	Available on Google Playstore Listed on Ionic Showcase

Project Name:	Areyeng (Let's Go)
Description:	A Carpool/Rideshare mobile app using IBM(Personality Insights & Blockchain)
Link:	Will be released soon

REFERENCES

CONTACT PERSON	: Yaseen Ebrahim
CONTACT NUMBER	: (083) 226 6126 (BMW – Solution Architect)
CONTACT PERSON	: Lendl Govender
CONTACT NUMBER	: (083) 214 5751 (MTN – Senior Technical Lead)
CONTACT PERSON	: Dakalo Netshiya
CONTACT NUMBER	: (061) 496 4881 (MTN / Accenture – Technical Lead)
CONTACT PERSON	: Gcinumuzi Sincadu
OCCUPATION	: (078) 747 8804 (IBM – Enterprise Cloud Architect)
CONTACT PERSON	: Kearan McPherson
OCCUPATION	: (316) 216 24137 (IBM – Technical Mentor)
CONTACT PERSON	: John Rwodzi
OCCUPATION	: (083) 209 0276 (MTN - Technical Lead)

TESTIMONIAL

My name is Benjamin Ndumiso Modimokwane, I'm a young enthusiastic, individual, willing to learn and challenge myself with any task or job given to me. I have good communication, writing, computer and programming skills. I am always willing to go the extra mile on all tasks given and I'm always eager to learn. I make it a point to reach every target expected from me by executing it flawlessly and delivering to my leaders and managers. I have the ability to work independently and in teams and I welcome any opportunities that can add value to my working career and experience. My curriculum vitae gives further insight of my working experience and skills developed throughout my working experience. I strive to be professional in all my undertakings.

I am more than willing to involve myself fully in all aspects of the work environment professionally and I aim to deal with everyone that I interact with in a calm and reassuring empathetic way.

I am available for an interview and can be contacted via telephone and e-mail

Thanks.

Benjamin N. Modimokwane