

TYRON MOODLEY

CONTACT

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<https://github.com/TyronM18>

EDUCATION

WINGEN HEIGHTS SECONDARY
SCHOOL (2013 - 2017)

DURBAN UNIVERSITY OF
TECHNOLOGY
Diploma in Information &
Communication
Technology: Application
Development (2018-2022)

Advanced Diploma-Information
& Communication
Technology: Application
Development (2023)

Majored in Advanced
Mathematics for Computing,
Data Structures and Algorithms
(73% aggregate)

PROFILE

Experienced Software Developer with a strong foundation in TypeScript, JavaScript, and front-end development. Skilled in building responsive, high-performance web and mobile applications and maintaining enterprise-level applications. Proficient in AWS Lambda for serverless functions and integrating third-party APIs. Passionate about UI/UX best practices and delivering seamless user experiences across platforms..

TECHNICAL SKILLS

- Proficient: JavaScript, TypeScript, SQL, PostgreSQL, HTML, CSS, Angular
- Experienced: Git Version Control, System Administration, Cybersecurity, Azure, AWS (Lambda, API Gateway), Python, C#
- Knowledgeable: Data Modeling, Network Configuration & Troubleshooting, Mobile App Development (Android Studio)

ADDITIONAL CERTIFICATIONS

- Cisco Networking Academy Networking Essentials
- Cisco Networking Academy Introduction to IoT
- Cisco Networking Academy NDG Linux Unhatched
- Cisco Networking Academy Introduction to Cybersecurity
- Amazon Web Services Getting Started with AWS security Hub

PROJECTS

Apart of a team which developed in C# .net a:

1. Restaurant Management web application.
2. Library Management web application.
3. Driving School Management web application.

Apart of a team that developed:

1. University Tutor Application web application in Python.
2. University Student Support mobile application with an Online store and Private Messaging in Java.
3. Created a Lego Minigame using the Unity engine.

Research Completed:

Completed a Research Concept Note on Developing a model for the use of the Helium network to provide 5g network coverage in rural areas.

EXPERIENCE

Centbee Wallet (Bitcoin SV Wallet) – Remote – Current Position

Junior Developer | | Wallet Support

- Developed dynamic pages using JavaScript and the Angular/Ionic Framework, enhancing user experience and functionality.
- Designed and implemented AWS Lambda functions, along with API gateways, to enable seamless integration of backend processes with the frontend.
- Utilized PostgreSQL database to generate reports and create SQL queries, optimizing data management and retrieval processes.
- Manages and resolved wallet support tickets for the Bitcoin SV Wallet, ensuring they had timely and effective customer support.

REFERENCE:

Mr Errol Campbell
Cell: 083 253 2263

GRAVATON – CAPE TOWN

Consulting | | Reason for Leaving | | Part time Employment

- Installation of Lorawan Network
- Installed and configured Lorawan gateways for the helium network
- 3D design modelling

REFERENCE:

Mr Megesh Govender
Cell: 084 303 5329

HEATING ELEMENTS – DURBAN

Junior Assistant | | Reason for Leaving | | Part time Employment

- CAD Design of heating elements
- Manufacturing of thermocouples
- Management of stock

REFERENCE:

Mr Rodney Moodley
Cell: 083 228 2964