

# ATHINI MGAGULE

## Aspiring Data Analyst

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Extension 7, Randburg, 2189

### SUMMARY

Computer Science and Mathematics graduate with a passion for data analytics, SQL, and problem-solving. Skilled in working with databases, data visualization, and Python for extracting meaningful insights. A critical thinker with strong analytical abilities, eager to apply data-driven solutions to real-world challenges.

### EDUCATION

#### BSc in Computer Science and Mathematics

##### University of Witwatersrand

02/2022 - 11/2024 Braamfontein, Johannesburg

- Graduated (11/2024) | Final GPA : 70%
- Relevant Coursework: Data Structures, Algorithms, Database Fundamentals, Software Design, Cryptography, Analysis, Statistics, Information Systems

#### National Senior Certificate

##### Leap Science and Maths School

01/2017 - 11/2021 Diepsloot, Randburg

- Graduated(11/2021) | Final Grade : 89%
- Relevant Coursework: Mathematics, Accounting, Physical Science, Life Science

### EXPERIENCE

#### Exam Invigilator

##### University of Witwatersrand

02/2024 - 11/2024 Braamfontein, Johannesburg

- Monitored exam environments, ensuring 100% adherence to academic integrity policies
- Ensured compliance with university regulations and addressed concerns from 10+ students per exam session

#### Self-Employed

##### Self-Employed

03/2020 - present Diepsloot, Randburg

- Manage hairdressing business finances, scheduling, and customer service, increasing profit margins by 15% annually and a 30% improvement in customer retention through enhanced service strategies

### PROJECTS

#### KasiKotas

01/2025 - present Diesploit, Randburg

- Web application that helps users discover best kota spots around Diepsloot, explore menus, and conveniently place orders for self-pickup, increasing vendor visibility by 30% and improving order efficiency by reducing wait times by 40%
- Integrating an anonymous feedback system aimed at increasing vendor sales by 5% through service improvements

#### FundX

03/2024 - 05/2024 Braamfontein, Johannesburg

- Led the development of a web-based application optimizing the management of funding opportunities, streamlining application processing by 40%
- Designed and implemented a SQLite database for efficient data storage and retrieval, improving data retrieval efficiency by 25%
- Created dynamic visual charts to represent daily statistical data reducing data analysis time by 35%
- Acted as Scrum Leader, increasing productivity by 10% through structured Agile methodologies

### FIND ME ONLINE



LinkedIn

<https://linkedin.com/in/athini-mgagule-8b8b362b2>



GitHub

<https://github.com/AthiniMgagule>



Portfolio

<https://athinimagule.netlify.app>



Facebook

<https://www.facebook.com/share/1YUEMLGcqE/>

### SKILLS

- Programming : Python, Java, C++, C, C#, LUA
- Web Technologies: HTML, CSS, JavaScript, Node.js, Express.js, RESTAPIs, React.js, Vite
- Databases: SQL (MySQL, SQLite)
- Soft Skills: Analytical thinking, creative thinking, attention to detail, problem-solving, adaptability, time management, team player, eagerness to learn, integrity, innovation

### INTERESTS AND HOBBIES

- ✓ Data Analysis
- ✓ Cryptography
- ✓ Creative Writing
- ✓ Reading
- ✓ Entrepreneurship
- ✓ Learning French

### CERTIFICATION/TRAINING

#### Data Science and Analytics Certificate of Completion

##### HP LIFE

01/2025 Online

- Learned how businesses are using data science and analytics for innovation, decision-making, product development, and building stronger customer relationships

### LANGUAGES

#### English

Proficient

#### IsiXhosa

Native

#### IsiZulu

Proficient

#### French

Beginner

### REFERENCES

#### Dr. Erick Mubai

Tutor coordinator for Applied Mathematics

University of Witwatersrand

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