

# Keamogetswe Maraba

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## Career Objective

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Motivated software engineer focused on combining technical and customer service skills to enhance user experience. Seeking an innovative, customer-centric organization to apply software development and customer insights, with the goal of creating impactful, user-driven solutions.

## Skills & Tools

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- Programming Languages: C#, C++, Java, Python, SQL, Visual Basic .Net.
- Web Development Tools: ASP.NET, HTML, CSS, JavaScript, SQL Server.
- Project Management and Collaboration: GitHub, Jira, Slack, Notion
- Data Analytics: PowerBI, Excel, Microsoft Access.

## Education

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**University of Johannesburg**, BS in Computer Science and Informatics Feb 2021 – Present

- Grade Average: 69%
- **Coursework:** Algorithms and Data Structures, Object Orientation, Databases, Full Stack Web Development, Computer Networks, Calculus I & II, Linear Algebra, Discrete Mathematics, Research Methodologies, IT Management

## Experience

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**Transcriptionist**, Transcribe Me March 2022 – July 2022

- Transcribed over 100 audio and video files into written English, improving attention to detail and communication skills..
- Achieved high accuracy and met deadlines consistently, enhancing transcription speed and quality through rigorous self-management.

**Sales Demonstrator**, Verimark June 2021 – August 2021

- Exceeded sales targets by consistently promoting Verimark products and achieving high sales conversion rates.
- Developed comprehensive product knowledge for 16+ appliances, strengthening persuasive communication and customer engagement.

**Professional Tutor**, Preply 2019 – June 2022

- Delivered tutoring in Physics, Calculus, and Programming to high school students, maintaining a 4.5/5 rating.
- Customized study plans to enhance student learning outcomes, demonstrating adaptability and strong communication in simplifying complex concepts.

## Projects

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**MrsTreets Platform** github.com/name/repo

- Developed a customer-to-vendor connection platform using ASP.NET, SQL Server, HTML/CSS/JavaScript with project management in Jira and version control via GitHub.
- Integrated Power BI for analytics, enabling insights on popular items and vendor performance.
- Addressed challenges in real-time tracking, customer satisfaction, and vendor ratings, ultimately improving the platform's user experience and engagement.

### Data Center Design Project

- Designed a comprehensive 3D model of a data center using SketchUp, with integrated network, storage,

security, power, and capacity management systems

- Focused on efficient infrastructure planning and scalability to solve space, power, and data management challenges.

#### **Endangered Species Tracker**

2023

- Created a tracking system in Java using Eclipse IDE and JavaFX to monitor endangered species and improve conservation reporting accuracy.
- Enhanced data accessibility and presentation, streamlining critical data for stakeholders in conservation efforts.

#### **Data Security Research Project**

2023

- Authored a comprehensive research paper on data security, developing strong analytical and technical writing skills.
- Focused on key security threats and recommended strategies to improve data integrity and protection measures.

### **Leadership Experience**

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**Project Lead, MrsTreets Platform** Led the development of a customer-to-vendor platform as part of an Informatics capstone project, coordinating a team in **Jira** and ensuring successful project delivery within scope and timeline

**Student Council Member, FH Odendaal, Hoerskool:** Represented students, organized events, and facilitated communication between students and faculty, enhancing leadership and project management skills.