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Professional Profile

I am a Bachelor of Commerce in Informatics student at the University of Pretoria, specializing in Information Systems with a focus on Statistics & Data Science. As an aspiring Full-stack C# Web Developer and Data Engineer, I am passionate about bridging the gap between data and business processes through predictive analysis and machine learning. I thrive in collaborative environments and approach each project with precision and creativity, whether working on university assignments or personal development projects. My goal is to make a positive impact in technology roles while continuing to expand my expertise in data science and web development.

Education

Bachelor of Commerce in Informatics (Information Systems) | 2023 - Current

University of Pretoria, Pretoria, South Africa
Majors: Statistics & Data Science, Informatics
Current GPA: (70% Average)

Academic Achievements:

- Golden Key Honor Society - Top 15% of faculty
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Work Experience

Student Mentor | February 2024 - Current

STARS Mentorship Programme, University of Pretoria | Full-time

- Coach and mentor first-year students in their university adjustment process
- Monitor student progress and provide ongoing support for academic success
- Develop mentoring strategies to help students navigate university life effectively

KTG Admin Team Member | 2024 - Current

Keep That Gold (KTG) - UP EBIT JCP Module | Part-time

- Organize and coordinate all KTG-related events for the compulsory UP EBIT JCP module

- Manage event logistics, scheduling, and student engagement activities
 - Collaborate with academic staff to ensure seamless integration of events with curriculum requirements
 - Support student participation and facilitate community-building initiatives within the EBIT faculty
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Technical Projects

End-to-End Career Development Platform | Current

EpiUse | Team Leader

- Leading development team in building comprehensive career and development platform
- Implementing CI/CD pipelines for automated deployment and testing
- Developing frontend using Angular/Ionic for cross-platform compatibility
- Building backend .NET Web APIs for robust data management and business logic
- Managing version control and collaboration workflows using GitHub
- Deploying and hosting solution on Microsoft Azure cloud platform
- Coordinating team activities, code reviews, and project milestones

Database Management System | 2021 - Present

Khanya Dental Clinic | Vocational Work

- Built a small-scale database management system using VBA for a large operating dental clinic
 - Transitioning paperback file management to digital solution
 - Currently rebuilding the system to allow online usage and remote desktop access
 - Improving system accessibility and user experience for all clinic staff
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Technical Skills

Programming Languages

- C# - ASP.NET MVC development
- SQL - Database design and management
- Python - Data analysis and machine learning
- JavaScript - Frontend development
- R - Statistical analysis and data visualization

- Java - Object-oriented programming
- PHP - Web development
- VBA - Business automation solutions

Web Development

- Frontend: HTML5, CSS3, Bootstrap, jQuery, Angular, Ionic
- Backend: ASP.NET MVC, .NET Web APIs, C#
- Database: SQL Server, database design
- Responsive Design: Mobile-first development approach

Mobile Development

- **Cross-Platform: Ionic Framework**

DevOps & Cloud

- Version Control: Git, GitHub workflows and collaboration
- CI/CD: Pipeline development and automated deployment
- Cloud Hosting: Microsoft Azure deployment and management
- Development Workflow: Agile methodologies, code reviews

Data Science & Analytics

- Statistical Analysis: R, Python, SAS
- Data Visualization: PowerBI, statistical modelling
- Machine Learning: Predictive analysis, data mining
- Database Management: SQL, data modelling

Tools & Platforms

- Microsoft 365 Suite: Word, Excel, Access, PowerBI, Visual Studio
- Project Management: Jira, Confluence, Atlassian
- Version Control: Git, GitHub
- Development: Visual Studio, various IDEs

Professional Training & Certifications

Ready for Work Programme Certification | 2024

University of Pretoria

- Career Planning, 4IR Technologies, Workplace Ethics
- Creative Problem Solving, Time Management
- Introduction to Artificial Intelligence

HTML, CSS, and JavaScript for Web Developers | 2024

Johns Hopkins University (Coursera)

- Advanced web development techniques using HTML5, CSS3, and JavaScript
- Responsive web design and form development

Foundational SQL | 2024

FreeCodeCamp

- Database design and management
- Data analysis with Structured Query Language

Data Science & Analytics | 2023

HP Life

- Data science methodologies and tools
- Data-driven business approaches and analytics practices

Business Analysis & Process Management | 2023

Coursera Project Network

- Use case development and process optimization
- Qualitative business process management

Leadership & Volunteer Experience

Vice President | 2016 - Current

DNAB Organization

- Lead initiatives providing learning materials and food access to disadvantaged children
- Coordinate with rural children's homes to assess and meet immediate needs
- Manage volunteer programs and resource allocation

Vice President | 2021 - 2022

Rotary Club

- Managed correspondence with government ministers and funding organizations

- Coordinated large-scale televised events with broadcasting networks
 - Oversaw stakeholder meetings and event planning
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Languages

- English - Fluent
 - Sesotho - Fluent (Native)
 - siSwati - Fluent (Native)
 - isiZulu - Conversational
 - Sepedi - Conversational
 - French - Conversational
 - Spanish - Conversational
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Key Achievements

- Behavioural Aspect of Project Management Badge – University of Pretoria
 - Microsoft PowerPoint Badge (Cengage, 2023) - Intermediate proficiency recognition
 - Certificate of Recognition - STARS Mentorship Programme for effectively helping first-year students
 - Successfully transitioned dental clinic from paper-based to digital management system
 - Ready for Work Programme Certification - University of Pretoria professional development
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References

Available upon request