ETHAN HAMILTON

Recent IT Graduate

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SUMMARY

Recent BSc in IT graduate with experience in backend and frontend development, as well as database design and management. Gained practical experience through university projects, including software development, database and SQL development, and full-stack web development. Known for team collaboration skills, time management and attention to detail. Seeking an entry-level IT role to apply my technical skills and continue learning in a dynamic work environment.

EDUCATION

Bachelor of Science in Information Technology

North-West University

📅 01/2022 - 12/2024   📍 Potchefstroom, South Africa

Matric, National Senior Certificate

Alberton High School

📅 01/2017 - 12/2021   📍 Alberton, South Africa

EXPERIENCE

Waiter & Barman

Casa Da Madeira   📅 10/2022 - 01/2023   📍 Alberton

Julie Vieira - (+27) 72 884 9545

- Provided customer service as a waiter and barman.
- Managed inventory and delivered stock for the restaurant.
- Contributed to restaurant-organized charitable events.

Freelance

General Aluminium & Frameless   📅 2021 - 2024   📍 Johannesburg

Shannyn Hamilton - (+27) 83 667 7022

- Installed glass and aluminum structures, including frameless windows.
- Assisted with hardware delivery, receiving, and inventory.
- Supported various construction tasks to ensure project completion.

SKILLS

BACKEND

Java, Python, C++, Express.js, Node.js, C# (.NET, .NET CORE), ASP.NET, Spring Boot, Web Sockets, OOP

FRONTEND

HTML, CSS, JavaScript, React

OTHER TECHNICAL SKILLS

Microsoft Office, Oracle, SQL, MS SQL Server, Firebase, MongoDB

SOFT SKILLS

Team Collaboration, Leadership, Growth-Focused, Honesty, Industrious, Adaptability, Persistent, Accountability, Creativity

KEY ACHIEVEMENTS

🏅 **Member of Golden Key International Honours Society**

Award for demonstrating academic excellence, ranking within the top 15% of my class during my first year (2022).

🏅 **Deputy Head Boy**

Served as Deputy Head Boy of Sports, assisting with and delegating tasks related to organizing events, managing teams, and promoting school spirit.

🏅 **Student Councilor**

Student Councilor for four years, assisting with events and upholding student ethics, rules, and conduct.

COURSES

Vodacom Digital Skills Hub(In Process)

- Currently learning AWS, Cloud Operations, Security, Cloud 101, Amazon Cloud Watch.

Network Course(CISCO Packet Tracer)

- Gained hands-on experience in network simulation and design through this course, enhancing skills in configuring and troubleshooting network setups.

Git & GitHub Course

- Learned version control, repository management, and collaboration techniques using Git and GitHub.

STRENGTHS

🗡 **Team Collaboration**

Developed collaboration skills through university group projects, contributing to planning, communication, task delegation, and successful delivery.

🗡 **Leadership**

Demonstrated leadership as Deputy Head Boy of Sports and Student Councilor, managing events and delegating tasks. Led university group projects, ensuring clear communication and successful outcomes.

🗡 **Time Management**

Developed strong time management skills by managing group projects, meeting deadlines, and balancing coursework with leadership roles.

PROJECTS

Library System(C#, MS SQL)

📅 2023

Led a collaborative project focused on team communication and cooperation, managing both frontend and backend using Visual Studio, .NET Core, and C#. Implemented an hourly log, used Google Drive for document sharing, and completed a comprehensive design scope and documentation process. Submitted GitHub records detailing team time allocation, all documentation, and a user manual.

Text Messaging App (Java, Spring Boot, Web Sockets)

📅 2024

Developed a website-based text app using Spring Boot and Web Sockets with Java, CSS, and HTML in Visual Studio Code. Initially served as a backup project, but not permitted by guidelines, so I completed it independently. Created a C# communication app with Web Sockets for individual and private messaging. Used Firebase to host the message database. Achieved an average score of 96%.

Open Educational Resources (Full-Stack Web App)

📅 2024

Contributed to a full-stack web application using the MERN stack with TypeScript and React, focusing on frontend development and backend routing. The platform serves as an Open Educational Resource (OER), enabling users to upload, download, and view academic materials, with features for moderation and content management via API endpoints.

Personal Website Portfolio (JavaScript, CSS, HTML)

📅 2024

Created a responsive portfolio website using JavaScript, HTML, CSS, and media queries. The site features intuitive navigation, showcases projects, and allows users to view and download my CV/resume. Recognised for clean code, polished design, and usability, the project achieved a 97% score.

MS SQL & Oracle Projects

📅 2023 - 2024

In the first semester, we completed an Oracle SQL assignment where we designed and documented a comprehensive database system based on a self-created scenario. The project involved defining complex fields, entities, attributes, and relationships, demonstrating advanced database design principles. We also worked with authentic Airbnb data from an Excel spreadsheet, transforming and manipulating the dataset into SQL format, and integrating it into the system for deeper analysis, showcasing proficiency in database creation and real-world data handling.

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Discord
ethan_hamilton

HOBBIES & INTERESTS

⚙️ Tech enthusiast

🏋️ Health & Fitness

⛰️ Outdoor activities

🎸 Guitar

🎮 Games

⛳ Golf

LANGUAGES

English   Native ●●●●●

Afrikaans   Proficient ●●●●○