LANCE DE BEER

A LOGICAL THINKER WITH EXCEPTIONAL PROBLEM-SOLVING ABILITY

PROFILE

I am a motivated and adaptable professional with a multidisciplinary background in Chemical Engineering, Computer Science, Game- and App development.

My diverse experience across customer service, administration, and brewing has shaped my strong interpersonal skills and practical problem-solving abilities. I excel in programming, software tools, and game design principles, consistently delivering high-quality outcomes both independently and in collaborative environments.

I specialize in bug identification, performance optimization, and enhancing user experience, with a keen eye for detail and a drive for efficiency. My passion for innovation, continuous learning, and solving complex challenges equips me to thrive in tech-driven environments demanding both technical precision and logical reasoning.

CONTACT

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- 🏅 https://www.credly.com/users/lance-de-beer
- 📍 Potchefstoom, North West, ZA
  Willing to relocate

PROGRAMMING LANGUAGES

- Python: Proficient
- Java: Basic
- Excel: Proficient
- C/C++: Intermediate
- HTML & CSS: Advanced
- Javascript: Intermediate
- SQL: Proficient
- VBA: Basic

SKILLS ACQUIRED

- Blender
- Unreal Engine 5
- Game Design
- Canva
- Graphic Design
- MS Access
- Docker
- Office 365

EDUCATION

- **Coursera | 2025**
- IBM - Cybersecurity Fundamentals (Apr 2025)
- IBM - IT Support Professional Certificate (Apr 2025)
- Introduction to Biology: Ecology, Evolution, & Biodiversity by Rice University (Apr 2025)
- Introduction to Networking by NVIDIA (Feb 2025)
- Cancer Biology by Johns Hopkins University (Feb 2025)
- **Edx | 2024**
- Certificate in E-Sports Management and Game Development
- **Upskillist | 2024**
- Certificate in Technical drawing
- Certificate in Data Analytics
- **North-West University | 2020 – 2023**
- BEng Chemical Engineering (2020)
- BSc with Computer Science and Statistics (2021 - 2023)
- **Jeugland High School | 2018**
- National Senior Certificate: Grade 12

WORK EXPERIENCE

Waterboy - Database and Network Specialist   Dec 2024 - Mar 2024

- Designed and built databases in MS Access to optimize data management.
- Developed data capture and visualization systems in MS Access for efficient reporting.
- Created custom VBA functions and macros for MS Access and Excel to improve automation.
- Designed and implemented a new server, configuring network and security protocols.
- Improve and maintain IT infrastructure and Hybrid UV Large Format Printer
- Developed a responsive front-end web app with HTML, CSS, and JavaScript, featuring dynamic dropdowns from text files and a button to launch a full-screen promo video in a new page.
- Linked a sign-up form to Google Forms and resolved file-fetching issues using live-server for consistent data loading.

Mayhem Mirror Studios – QA Tester Intern   Oct 2024 – Nov 2024

- Play tested and evaluated gameplay mechanics, UX, and overall quality.
- Identified and documented bugs, glitches, and inconsistencies.
- Provided feedback on balance, level design, and engagement.
- Submitted detailed bug reports to aid development.
- Collaborated with developers to refine features.

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PERSONAL SKILLS

- Approachable and Personable
- Bilingual Communicator (Fluent in Afrikaans & English)
- Passionate and Purpose-Driven
- Quick to Grasp New Concepts
- Compassionate and Empathetic
- Trustworthy and Ethical
- Natural Leader with Strong Initiative
- Exceptional Logical and Analytical Thinker
- Effective Problem Solver
- Technologically Proficient / Digitally Literate

REFERENCES

- Mariska Jonker - 0827762552
- David de Beer - 0825614318
- Sue Evenwel - 0832523322
- Elishia Van Buuren - 0825931599

ID AND DOCUMENTS AVAILABLE ON REQUEST.

WORK EXPERIENCE

Chilli Pepper Marketing - Web Development Intern   Jan 2024 - Feb 2024
- Learned Bubble.io web development tool
- Assisted with workflow operations
- Web design and development
- Graphic design
- UI/UX Design

The Biltong Shoppe - Sales Person   Jul 2020 - Nov 2022
- Preparation and packing of products
- Quality Control and Assurance
- Market Day - Sales Person
- Assisted with marketing and social media

Vodacom Store Festival Mall - Cashier/Host/Admin   April 2019 - Nov 2019
- This helped me fund my university studies and taught me how to properly and professionally deal with customers face to face
- Greeted customers and ensured satisfaction
- Managed cash floats and assisted in stocktaking
- Handled the administration of paperwork efficiently and professionally
- Worked on different in-house Vodacom Systems and Microsoft Office

RedRock Brewery - Brewer Intern   Feb 2019 - March 2019
- Assisted in various brewing processes
- Conducted lab tests and measurements
- Ran cleaning processes and sterilized equipment
- Gained insight into the brewing industry and networked with professionals

Vodacom Store Festival Mall - Administration Clerk   June 2016 - Jan 2019
- This job put my foot in the door of the professional world and how to be a good employee from the age of sixteen
- Logged sales paperwork accurately on different in-house systems
- Maintained paperwork completeness and accuracy
- Managed paperwork scanning and filing systems. (Hard and cloud)