

JANCO CALITZ

BComHons Informatics Student

PROFILE

BCom Honours Informatics student with a passion for gaming, software development, and problem-solving. Over the past few years, I've gained hands-on experience through university projects, freelance development, and technical workshops, where I've built real-world solutions and improved my coding skills. My interest in gaming has driven me to explore custom plugin development, server optimization, and user experience design. Recently, I completed a 6-month exchange programme in Croatia, gaining international exposure and learning how to adapt to diverse teams and environments. I enjoy taking on challenges, learning new technologies, and working on projects that combine creativity with technical problem-solving.

EDUCATION & EXPERIENCE

BCom Informatics Student

University of Pretoria - Jan 2021 to Dec 2024

Completed my bachelor's degree, focusing on software development, system analysis, and database management.

- Contributed to several real-world projects, including designing a practice management system for a medical doctor as part of a final-year team project, improving efficiency and digital record management.
- Applied advanced web development, database management, and system design principles to deliver structured, scalable solutions.
- Strengthened teamwork, communication, and project coordination skills through collaborative academic projects.

Volunteer QA Tester & Plugin Developer

Freelance - Sep 2024 to Current

Alongside my studies, I contribute to a Minecraft server community, testing features and developing custom code to enhance performance and user experience.

- Conducted feature testing, bug reporting, and quality checks to improve server stability.
- Developed ±10 custom plugins/mods, expanding my coding knowledge and gaining experience in server-side optimization.
- Collaborated with other developers in a team-based environment, strengthening technical problem-solving and communication skills.

JCP Community Project Leader

University of Pretoria - 2023

Led a project to digitize a school's library system, transforming outdated paper-based records into a fully functional digital database.

- Designed and implemented a custom database to manage books, students, and borrowing records efficiently.
- Streamlined the library's operations, making data easier to manage, search, and update.
- Gained hands-on experience in system analysis, database design, and digital transformation, while working closely with school staff to understand real-world requirements.
- Delivered a practical, sustainable solution that modernized the school's processes and improved access to information.

CONTACT DETAILS

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Location: Pretoria, South Africa

GitHub: <https://github.com/jancocalitz>

LinkedIn:

TECHNICAL SKILLS

Python, C#, JavaScript, TypeScript, HTML, CSS, ASP.NET, Angular, Ionic, Web APIs

SQL Database design, management, and optimization

Web Development & Design

Specialized Expertise:

- Plugin Development
- Automation
- API Integration
- Server Optimization

PERSONAL SKILLS

- Problem-Solving & Critical Thinking
- Project Management & Organization
- Teamwork & Collaboration
- Communication Skills
- Leadership & Initiative
- Adaptability & Continuous Learning
- Attention to Detail

TECHNICAL WORKSHOPS & CERTIFICATIONS

- Advanced Python Workshop**
Gained hands-on experience in object-oriented programming, debugging, testing, and automation, applying these skills to build efficient, structured solutions.
- Competitive Web Design Workshop**
Learned to create modern, user-friendly, and visually engaging interfaces that improve usability and make websites more competitive in the market.