Curriculum Vitae: Ofentse Makhutja

- **Midrand, Gauteng**
- **Age:** 22 (21 October 2003)
- **Nationality:** South African
- **Home Language:** Sepedi
- **Other Languages:** English (Read, Write and Speak)
- **EE/AA Status:** African Male
- **061 446 7573 | makhutjaofentse@gmail.com**
- **LinkedIn: www.linkedin.com/in/ofentse-makhutja-13b4112a2**
- **Portfolio: https://ofentsej.github.io/react-personal-portfolio/**
- **GitHub: https://github.com/OfentseJ**

Professional Summary

Final-year Computer Science student at Tshwane University of Technology with strong proficiency in full-stack web development (Java, React, Node.js). Recently completed a 12-month Systems Support learnership at Dynamic DNA, gaining practical experience in hardware configuration, network setup, and business IT environments. Passionate about building user-centric software solutions and scalable web applications.

Work Experience

Systems Support Learner Dynamic DNA | Rosebank 12-Month Learnership

01 Aug 2024 – 31 July 2025

- Completed a comprehensive ICT learnership focused on systems support and network architecture.
- Configured and maintained hardware systems to optimize business environments and ensure operational continuity.
- Set up local networks (LAN/WLAN), troubleshooting connectivity issues and ensuring secure data transmission.
- Collaborated on software development assessments, applying coding principles to solve practical business scenarios.

Technical Skills

PDF Book Reader | Full Stack Application (Live demo: https://pdf-book-reader-rho.vercel.app/)

- Tech Stack: React, Node.js, PostgreSQL, Docker, Cloudinary, IndexedDB.
- Engineered a hybrid storage architecture using IndexedDB for offline reading capabilities and PostgreSQL for cloud data synchronization.
- Implemented Docker and Docker Compose to containerize the application, ensuring consistent environments across development and production.
- Integrated Cloudinary for scalable PDF storage and utilized react-pdf for seamless, high-performance in-browser rendering.

FPL-Squad-Craft | Frontend Application (Live Demo: https://fpl-squad-craft.vercel.app/)

- Tech Stack: React, Vite, Official FPL API.
- Designed and deployed a customized Fantasy Premier League planner, empowering users to visualize squad changes using live data from the official FPL API.
- Leveraged the speed of Vite and React to create a lag-free, interactive dashboard for filtering players, analysing stats, and planning transfers.
- Transformed raw API data into intuitive visual components, allowing for easy comparison of player metrics and fixture schedules.

Technical Skills

- **Languages:** Java (Strong Proficiency), JavaScript, SQL, HTML, CSS.
- **Frontend:** React.js, Bootstrap, Responsive UI design, TailwindCSS.
- **Backend:** Node.js, Express.js, Java EE(Servlets**,** EJBs), RESTful APIs.
- **Database:** PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** Git/GitHub, Microsoft Azure (Fundamentals), Postman.

Higher Education

National Diploma: Computer Science Tshwane University of Technology | *Pretoria*

- Expected Graduation: 2026
- Current Level: Fourth Year

National Certificate: Information Technology: Systems Support | NQF L5

- Completed in 2025

National Senior Certificate (Matric) Allanridge Secondary

- Bachelor's Degree Pass (Mathematics, Physical Sciences, Life Sciences).

Certifications

- AZ-900: https://learn.microsoft.com/api/credentials/share/en-us/OfentseMakhutja-8865/680FECAF141D66F9?sharingId
- DP-900: https://learn.microsoft.com/api/credentials/share/en-us/OfentseMakhutja-8865/43E1BBFB203FF580?sharingId

References

- **Mr Vuyisile Memani** – Lecturer, Tshwane University of Technology | 012 382 9749
- **Mr Phosa** – Principal, Allanridge Secondary School | 011 310 1046
- **Heidi Smith** – Program Manager, Dynamic DNA | 010 140 9828 / 083 424 5391