

Curriculum Vitae: Ofentse Makhutja

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

- 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 Projects

PDF Book Reader | Full Stack Developer (Source Code: github.com/OfentseJ/pdf-book-reader)

- **Tech Stack:** React 18, 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.

AllGoods E-Commerce Platform | *Backend Developer*

- **Tech Stack:** Java EE, Servlets, JSP, MySQL, Bootstrap 5.
- Developed a robust e-commerce backend using Java Servlets and Enterprise JavaBeans (EJB).
- Integrated a MySQL database to manage product inventory and user orders efficiently.
- Created responsive frontend views using JSP and Bootstrap 5.

Technical Skills

- **Languages:** Java (Strong Proficiency), JavaScript (ES6+), SQL, HTML5, CSS3.
- **Frontend:** React.js, Bootstrap 5, Responsive UI Design, TailwindCSS.
- **Backend:** Node.js, Express.js, Java EE (Servlets/EJB), RESTful APIs.
- **Databases:** MongoDB, MySQL, PostgreSQL.
- **Cloud & DevOps:** Docker, Git/GitHub, Microsoft Azure (Fundamentals), Postman.

Education

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

- Expected Graduation: 2026
- Current Level: Fourth Year

National Senior Certificate (Matric) Allanridge Secondary School

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

Certifications

- **Microsoft Certified: Azure Fundamentals (AZ-900):**
<https://learn.microsoft.com/api/credentials/share/en-us/OfentseMakhutja-8865/680FECAF141D66F9?sharingId>
- **Microsoft Certified: Azure Data Fundamentals (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
- **Cecilia Mohube** – Custodian, Dynamic DNA | 011 759 5940