

# ***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](mailto:makhutjaofentse@gmail.com)
- **LinkedIn:** [linkedin.com/in/ofentse-makhutja-13b4112a2](https://linkedin.com/in/ofentse-makhutja-13b4112a2)
- **Portfolio:** [ofentsej.github.io/react-personal-portfolio](https://ofentsej.github.io/react-personal-portfolio)
- **GitHub:** [github.com/OfentseJ](https://github.com/OfentseJ)

## ***Professional Summary***

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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***

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### **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***

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### **PDF Book Reader | Full Stack Developer (Source Code: [github.com/OfentseJ/pdf-book-reader](https://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**

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- **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**

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##### **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

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- **Mr. Vuyisile Memani** - Lecturer, Tshwane University of Technology | 012 382 9749
- **Cecilia Mohube** – Custodian, Dynamic DNA | 011 759 5940