

Curriculum Vitae: Ofentse Makhutja

Personal Details

- **Home Address:** 407 Korhaan Cres, Rabie Ridge, Midrand, 1685
- **Cell:** 061 446 7573
- **Email:** makhutjaofentse@gmail.com
- **Nationality:** South African (ID: 03010215262083)
- **Age:** 21 (21 October 2003)
- **Home Language:** Sepedi
- **Other Languages:** English (Read, Write and Speak), Zulu (Speak)
- **EE/AA Status:** African Male

Educational qualifications

- **Last School Attended:** Allanridge Secondary School (2017–2021)
- **Highest Standard Passed:** Matric (Bachelor's Degree Pass)
- **Subjects Passed:** English, Afrikaans, Mathematics, Geography, Life Sciences, Life Orientation, Physical Sciences

Higher Education

- **Institution:** Tshwane University of Technology, Pretoria
- **Major:** Computer Science
- **Current Year:** Fourth-year student (Expected graduation: 2026)

Objective

Computer Science student with strong skills in full-stack web development and database management. Passionate about building user-centric applications and eager to contribute to innovative tech solutions.

Technical Skills

Programming Languages

- **Java:** Strong proficiency from academic coursework and backend development using Java EE. Developed the AllGoods e-commerce platform with servlets, JSP, and EJB modules.
- **JavaScript (ES6+):** Used extensively in full-stack development. Comfortable writing modular, asynchronous code for both frontend and backend applications.

Web Development

- **HTML & CSS:** Skilled in creating responsive, accessible UIs. Styled JSP pages using Bootstrap 5 in Java EE projects.
- **React.js:** Built dynamic user interfaces including authentication screens and dashboards. Integrated forms, client-side routing, and state management in a personal finance tracker.
- **Node.js:** Developed backend APIs using Express.js and ES Modules. Implemented RESTful routes, JWT authentication, and service-layer architecture.
- **JWT Authentication:** Implemented secure login systems with token-based auth in Node.js projects.

Database Management

- **MongoDB:** Used in modern web apps (e.g., finance tracker) for flexible document storage. Designed schemas for user and transaction data.
- **MySQL & PostgreSQL:** Applied in academic projects involving relational data modeling and complex queries.
- **SQL*Plus:** Experience from coursework in database administration and query optimization.

Tools & Technologies

- **Version Control:** Proficient in Git and GitHub for managing codebases and collaboration.
- **Postman:** Used for testing and documenting APIs during backend development.
- **Nodemon, dotenv, bcryptjs:** Utilized in full-stack Node.js apps for live reload, environment variable management, and password security.

Soft Skills

Time Management: Consistently meets project deadlines while balancing academic workload.

Communication: Comfortable explaining technical concepts to peers and contributing to group discussions.

Teamwork: Participated in university coding projects requiring collaborative Git workflows and code reviews.

Problem-Solving: Able to troubleshoot errors across the stack and debug complex issues using browser dev tools and server logs.

Adaptability: Quick to learn new frameworks or tools as needed (e.g., adopting ESM in Node.js, learning Bootstrap for frontend).

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 Phosa** – Principal, Allanridge Secondary School | 011 310 1046
- **Mr Vuyisile Memani** – Lecturer, Tshwane University of Technology | 012 382 9749

Links

- **Portfolio:** <https://ofentsej.github.io/Personal-Portfolio/>
- **GitHub:** <https://github.com/OfentseJ>
- **LinkedIn:** <https://www.linkedin.com/in/ofentse-makhutja-13b4112a2/>