

# Dzebu Denzhe

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## SUMMARY

A skilled software developer with expertise in Java, Python, JavaScript, React, SQL, Docker, and web technologies. Experienced in maintaining and inspecting equipment in a production facility, collaborating with teams, and reporting on equipment conditions. Eager to leverage technical skills and innovative solutions to contribute to the software development Team.

## EXPERIENCE

*WeThinkCode, **Software Engineer (Student Volunteer)***

*Sep 2025 - Nov 2025*

- Developed a retrieval augmented generation tool, enhancing curriculum comparison by implementing web scraping, report generation, and data vectorization techniques.
- Improved data storage efficiency through effective database management and optimization.
- Collaborated with the performance team to integrate new technologies.

*WeThinkCode, **Technical Mentor***

*Sep 2025 - Present*

- Assisted with student onboarding and acclimation, ensuring smooth integration and progress tracking.
- Explained programming concepts and problem-solving techniques, enhancing students' understanding and application of technical knowledge.
- Shared technical knowledge and expertise, fostering a collaborative learning environment and improving overall student performance.

*Sasol Coal Processing plant, **Mechanical fitter Gr-2***

*Jun 2020 - Aug 2024*

- Conducted routine maintenance and inspection in a continuous production facility, ensuring minimum downtime and high equipment availability.
- Collaborated with a team to plan and execute major equipment overhauls, enhancing operational efficiency.
- Reported on spares availability and equipment conditions to the foreman, forecasting future needs to ensure uninterrupted production.

## EDUCATION

*WeThinkCode*

*Software Development (with distinction)*

*Sasol Learning Centre*

*Artisan Mechanical Fitter*

*Mbilwi Secondary School*

*Matric Completed*

## LICENSES & CERTIFICATIONS

**Software Engineer NQF Level 6**

*WeThinkCode • 119458 • Issued Jan 2026*

**Web Development Fundamentals**

*IBM SkillsBuild • <https://www.credly.com/badges/6ffef7d8-30eb-4597-863a-e64a6b284db7> • Issued Jun 2025*

**AWS Cloud Practitioner Essentials**

*AWS Training & Certification • Issued Jan 2026*

## SKILLS

Java • Python • SQL • HTML • CSS • JavaScript • Spring Boot • Streamlit • Flask • JUnit