

Sizwe Chris Khomo

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Final-year Software Engineering student at WeThinkCode (NQF 6) and open-source contributor, experienced in Python and C++ for backend systems, data engineering, and distributed applications.

Professional Experience

Open-Source Developer • Automation | KDE, International | Ongoing

- Developed scripts that aggregate data from 200+ repositories into publishable community reports.
- Collaborated with international KDE maintainers via GitLab on workflow and code improvements.
- **Skills:** Python, Bash, REST APIs, JSON.

Peer Tutor • Programming Concepts | WeThinkCode, Gauteng | Ongoing

- Led workshops for 20+ students on core software development concepts and algorithmic thinking.
- Hosted one-on-one coding sessions for 5+ students to improve analytical and technical proficiency.
- **Skills:** Problem Solving, Empathy, Communication, Collaboration.

Relevant Projects

Hears • Speech-to-Text Desktop Application | github.com/cskhomo/hears.you | In Development

- Built for health practitioners to convert spoken conversations into patient notes.
- Transcribes audio in real time and stores editable documents for long-term access.
- **Skills:** Python, Whisper AI, PyQt, File I/O.

Defines • Command Line Developer Tool | github.com/cskhomo/defines.you | In Development

- Designed to help developers learn programming terminology directly inside the CLI.
- Provides beginner-friendly definitions from local database and remote API lookups.
- **Skills:** C++, SQLite, Node.js, HTTPS.

Education

Occupational Certificate • Software Engineering, NQF 6 | WeThinkCode | Expected May 2026

- Achieved 100% in Python and Java assessments.
- On track to graduate with distinction.

National Senior Certificate • Maths and Physics, NQF 4 | Luthayi High School | Completed

- Matriculated with 4 distinctions (above 90%).
- Achieved an APS score of 38 (out of 42).