

MILANI NCANA

JUNIOR SOFTWARE ENGINEER

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PROFESSIONAL OVERVIEW

I am a final-year IT: Application Development student at CPUT with strong academic achievements and hands-on internship experience. I supported Python and Java projects at EOH and delivered technical training and system maintenance at Manyano High School. I am committed to continuous learning, proficient in multiple programming languages and frameworks, and eager to contribute to a software development role.

WORK EXPERIENCE

System Developer Intern

EOH, Century City, South Africa | 2019- 2020

- Learned Python and contributed to ongoing projects, collaborating with senior developers to implement features and fix bugs.
- Assisted in writing unit tests and documentation for internal tools.
- Participated in daily stand-ups and code reviews, gaining agile team experience.

Technical Support

Manyano High School, Khayelitsha, South Africa | 2019 – 2020

- Provided technical support to staff and students, resolving network and desktop issues.
- Installed and configured smartboards and trained teachers on MS Office and smartboard usage.
- Managed network maintenance and collaborated with the WC Government Schools IT team.
- Provided training to staff on how to use the technical equipment provided by the WC Government Schools IT team.

ACADEMIC AND PERSONAL PROJECTS

- Shiny Sneakers E-commerce Back-End:** Developed the back-end using Java, JPA, MySQL, and implemented the Repository and Builder design patterns for product and order management as part of coursework.
- CardPro Back-End:** Implemented the back-end of a student ID card management system using Laravel and MySQL, focusing on database schema design, RESTful API endpoints in JavaScript, and secure data handling for photo metadata and card records.
- CarRental System Back-End:** Built a Java/JPA/MySQL car rental booking system that handles fleet inventory, customer reservations, and invoicing; implemented Repository pattern and designed unit tests to ensure 95% code coverage.

EDUCATION

National Diploma

Cape Peninsula University of Technology
2025

Higher Certificate

Cape Peninsula University of Technology
2016

National Certificate (Vocational)

False Bay College
2015

SKILLS

- Java, Python, PHP, JavaScript, SQL, JPA
- Bootstrap, Laravel, Springboot, Vue.js
- GitHub, Figma, IntelliJ
- Agile, OOP, DDD
- Teamwork, project management, leadership
- AI & ML concepts, problem solving, strong communication, troubleshooting