

JOSEPH J NZVERE

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<https://github.com/jokerdatfive>

SUMMARY

Creative Computer Science major with a passion for software design and development seeking to apply my technical skills and innovative thinking in a challenging role. Eager to contribute to real-world projects while expanding my knowledge in a professional environment.

EDUCATION

Harare Institute of Technology

Aug 2023 - Oct 2027

B.Tech, Computer Science

- **Coursework:** Operating Systems, OOP (Java), Principles of Programming Languages (Python), Visual Programming (C#), Software Engineering, Data Structures and Algorithms, Database Design Concepts, Discrete Mathematics, Web Development, Software Project Management, Operations Research, Data Communications and Networks

Feb 2023 - Apr 2024

Software Engineering Programme--*freecodecamp*

- **Coursework:** JavaScript, Unit Testing, NodeJs, TypeScript, Python, Asynchronous Programming, MySQL, Redis, Pagination, i18n, User Authentication Service, Log Parsing, Data Structures, Linux, CI/CD, Web Stack Debugging, Professional Social Presence, Web Infrastructure Design, Networking, Regular Expressions

SKILLS

- **Programming Languages:** Python, JS/Typescript, C/C++, C#, SQL, HTML/CSS, Bash, Puppet, Java
- **Web Development Frameworks:** Flask, Express, FastAPI, Tailwind, UIKit, Nextjs, Bootstrap, React, NodeJs
- **Databases and Tools:** MongoDB, MySQL, SQLite, PostgreSQL, Redis, SQLAlchemy, SQL Server, Mongoose, Knex ORM
- **Development Platforms:** VS Code, Jupyter Notebook, GitHub, Adobe XD, Balsamiq Wireframes, Android Studio, MS 365
- **Soft Skills:** Problem-solving, Teamwork, Critical Thinking, Time Management, Active Listening, Adaptability, Communication, Flexibility, Project Management

WORK EXPERIENCE

Ronnex Solutions <https://www.ronnexsolutions.com> SUPERVISOR-- Mr. R Nyamukuwa +263771643354

Mar 2022 – Jan 2024

- Developed and maintained ERP systems, including system integrations and AI Automation.
- Developed and maintained Learning Management Systems.
- Offered professional System training for the developed systems

TechUnity Service Cooperative SUPERVISOR-- Mr. Munengwa +263774844844

Jun 2024 - present

- Engineered RESTful APIs using Flask for core platform functionalities including user authentication and course management
- Designed optimized PostgreSQL schemas implementing SQLAlchemy ORM patterns for efficient data operations
- Implemented advanced caching strategies using Redis to enhance application performance

CERTIFICATIONS

- **Legacy Algorithms and Data Structures in JavaScript--:** freeCodeCamp
- **Data Visualization --:** freeCodeCamp
- **Microsoft Operation packages --:** Hexco

PROJECTS

Program recommendation web APP --: EduGuide | HIT200

- Developed an AI-powered programme selector to provide personalized recommendations for university applicants based on their A-level results.
- Utilized machine learning models to suggest suitable degree programmes and corresponding job prospects.

Business Project Management System --: Inteliplan

- Designed and developed a business project management system that leverages AI for report generation and project oversight.
- Implemented AI-driven features to ensure smooth project execution and identify potential areas for improvement.