JIVEEKA KUWAR-KANAYE

Midrand, Johannesburg • +27 66 185 4925 • Jiveekakk@gmail.com
Final year BSc in IT student ‖ Aspiring Software Engineer

SUMMARY

Passionate and driven final-year BSc IT student with a strong foundation in software development, web technologies, and intelligent automation. Eager to contribute to innovative engineering teams and continuously improve technical and problem-solving abilities. Strong interest in AI, machine learning, and building scalable systems.

WORK EXPERIENCE

Machine Learning Intern – SIMPLYFAI Innovation PTY (LTD)   **October 2024- March 2025**

- Collaborated with a team of engineers and data scientists on developing and testing machine learning models.
- Assisted in gathering, cleaning, and preprocessing large datasets used in training supervised learning algorithms.
- Contributed to the development of automation tools and scripts that improved data handling efficiency.
- Participated in model evaluation processes, performance tuning, and basic exploratory data analysis.
- Documented workflows, code processes, and experiment results to support ongoing R&D efforts.
- Gained hands-on exposure to practical ML techniques, Python scripting, and integration of models within larger software systems.

EDUCATION
                                                                                  Feb 2023 - Dec 2025
Bachelor of Science in Information Technology

Richfield Graduate Institute of Technology

Completed modules in software engineering, database systems, computer networks, cloud computing, web development, and machine learning. Gained hands-on experience in coding, system design, project management, and using real-world technologies across individual and group projects.

PROJECTS
Portfolio Website
 Technologies used: React, HTML, CSS, JavaScript
Designed and developed a responsive personal portfolio website to showcase projects, skills, and contact details. Implemented smooth page transitions, project sections with live links, and a contact form using React components. Ensured a user-friendly layout with mobile responsiveness and optimized loading performance. Integrated GitHub and LinkedIn links to demonstrate ongoing work and professional branding Focused on clean UI/UX design and reusable code components following best front-end practices.

Web Agent Dashboard Tool
 Technologies used: Java, Python, TypeScript, Puppeteer, JSON, Bootstrap
Built a custom dashboard interface to manage and monitor multiple intelligent web scraping agents. Developed backend logic in Java and Python to coordinate agent activity, task assignment, and performance tracking. Used Puppeteer for headless browser automation and scraping dynamic web content efficiently. Implemented a front-end panel using Bootstrap and TypeScript to visualize agent status, logs, and scraping metrics in real-time. Focused on modular architecture, error handling, and building tools to analyze scraping reliability and efficiency. Designed the system to be extensible for adding new agents and customizable for different scraping tasks.