

# JACKSON MAHLOTLE KHUTO

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Tembisa, Gauteng, 1632

 +27 66 180 2747 |  jacksonkhuto591@gmail.com

 LinkedIn: [linkedin.com/in/jackson-khuto-625360267](https://linkedin.com/in/jackson-khuto-625360267) | GitHub: [github.com/jackson951](https://github.com/jackson951)

## Career Objective

Enthusiastic and results-oriented BSc Information Technology graduate with a strong foundation in C#, .NET Core, and web application development. Experienced in both front-end and back-end development, with hands-on exposure to SQL databases, debugging, and collaborative agile environments. Passionate about developing clean, efficient, and scalable solutions while continuing to grow as a professional software developer.

## Education

**Bachelor of Science in Information Technology** – North-West University, Vanderbijlpark

Completed: 2024

Comprehensive studies in object-oriented programming, software engineering, databases, networking, and cybersecurity. Developed practical systems including secure invoicing platforms, RESTful APIs, and data-driven applications using C#, ASP.NET Core, and SQL Server.

**National Senior Certificate** – Dinao Secondary School, Lebowakgomo

Completed: 2020

## Experience

**Junior Software Developer Intern** – Bluu Car Rental, Kempton Park | Jan 2024 – Jun 2024

- Assisted in maintaining and improving internal applications using C#, ASP.NET Core, and React.js.
- Worked with SQL Server databases for querying, data manipulation, and API-driven reporting.
- Enhanced user interfaces, performed bug fixes, and contributed to system documentation.
- Collaborated within an agile development team, participating in stand-ups, sprint reviews, and version control via Git.
- Strengthened technical problem-solving skills by implementing real-time solutions in production environments.

## **IT Student Assistant – North-West University | Jun 2024 – Dec 2024**

- Supported students in programming labs (Java, Python), assisting with debugging and optimizing code.
- Assisted in lab setup, hardware/software installations, and troubleshooting.
- Improved communication skills by explaining technical concepts clearly to students.

## **Projects (Academic & Personal)**

- **Full-Stack SaaS Invoicing Platform:** Built with ASP.NET Core (C#), React.js, and SQL Server. Implemented authentication, PDF generation, and dynamic data visualizations.
- **Task Management API:** Developed a RESTful API with CRUD operations, JWT authentication, and role-based access.
- **Responsive Weather Dashboard:** React.js application using OpenWeatherMap API with responsive UI.
- **Portfolio Website:** Created with HTML, CSS, and JavaScript to showcase projects and GitHub repositories.

## **Technical Skills**

- **Languages:** C#, JavaScript, Python, Java, SQL, HTML, CSS
- **Frameworks & Tools:** ASP.NET Core, .NET 6.0, Blazor (learning), React.js, Entity Framework Core, Syncfusion Controls (exposure), Bold Reports (exposure)
- **Databases:** SQL Server, MySQL (basic)
- **Version Control:** Git, GitHub
- **IDEs & Tools:** Visual Studio, VS Code, Postman, Figma (basic)
- **Concepts:** OOP, API integration, authentication, cybersecurity basics, networking, agile development

## **Certifications**

- JavaScript Algorithms & Data Structures – freeCodeCamp
- Data Analytics Using Excel – Great Learning
- Introduction to REST APIs – Great Learning
- CompTIA A+ and N+ (In Progress)

## **Soft Skills**

- Strong communicator across technical and non-technical audiences
- Analytical thinker and problem solver with high attention to detail
- Adaptable, eager to learn new tools and frameworks
- Team-oriented and collaborative, with agile workflow experience
- Organized with excellent documentation and version control practices

## **References**

Available upon request.