

# LEBOGANG CHRISTINAH ROBIN RAPHELA

Software Developer

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## Work Experience

### Fullstack Developer Intern

Feb 2024 - Present

[ICEP](#) | Soshanguve

- Contributed to the development of an e-hailing system, food website using React.js and Node.js.
- Collaborated with cross-functional teams to design and implement new features, enhancing user experience and system performance.
- Participated in code reviews, providing constructive feedback to ensure code quality and maintainability.
- Debugged and resolved software issues, significantly improving the overall performance and reliability of the application.

## Projects

### Weather App

Feb 2024 - Feb 2024

Description: Developed a weather application using html, javascript and Css.

Responsibilities:

Designed and implemented key features such as real-time weather data display, location-based weather search, and a user-friendly dashboard.

Integrated third-party weather APIs ,OpenWeatherMap, for live weather updates and forecasts.

### Restaurant Website

Mar 2024 - Apr 2024

Description: Currently developing a food restaurant website designed to provide a safe, efficient, and user-friendly platform. It focuses on enhancing customer satisfaction and ensuring smooth interactions between the restaurant and its users.

Responsibilities:

Developed the backend using Node.js, ensuring robust and scalable server-side architecture.

Implemented key functionalities to enhance both customer and restaurant experiences, focusing on efficiency and user convenience.

Key functionalities implemented:

User authentication: Secure sign-in and sign-up for users.

Real-time data handling: Menu updates, live order tracking, and restaurant availability.

Order processing: Smooth and efficient order management from selection to checkout.

Payment processing: Secure and seamless online payments for orders.

Restaurant safety features: Ensuring compliance with health and safety standards.

Conducted unit and integration testing to ensure code quality and platform stability.

### Ehailing System

May 2024 - Present

Description: currently developing an e-hailing system designed to provide a safe, efficient, and user-friendly platform. It focuses on enhancing driver satisfaction and ensuring safety for drivers and customers.

Responsibilities:

Developed the backend using node.js, ensuring robust and scalable server-side architecture.

Implemented key functionalities to enhance both driver and user experiences, focusing on safety and efficiency.

Key functionalities implemented: user authentications, real time data handling, ride matching algorithm, payment processing and safety features

Conducted unit and integration testing to ensure code quality.

## Core Skills

Java, Python, C++, JavaScript, HTML / CSS., Web Development : Angular, Node.js, Express, React.js, RESTful APIs., Database Management : MySQL, MongoDB, SQL., Version Control : Git, GitHub., AWS (EC2, S3), Agile / Scrum methodology., Problem solving, Critical Thinking, Team Collaboration

## Education

**Tshwane University of Technology**

Oct 2024

**National Diploma in Software Development**