

# MANDLA DYONASE

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Certificates: CodeSpace Academy — **Distinction (2024, view)** — WeThinkCode\_ — **Software Engineer (2024–2026, view)**

## Profile

**Full-Stack Developer & Data Engineer** with experience in **Java, JavaScript, Python, and SQL**. Passionate about **turning data into insights** and developing **scalable web solutions**. Combines **technical expertise** with **business logic awareness** to design products that improve **efficiency, visibility, and decision-making**. Known for **hackathon leadership**, **team mentorship**, and **strong problem-solving**.

## Technical Skills

**Languages:** JavaScript (React, Node.js), Python, Java, SQL, HTML5, CSS3

**Frameworks & Tools:** Spring Boot, TailwindCSS, Firebase, Docker, GitHub Actions, Nginx

**Data Engineering:** ETL Pipelines, Amazon S3, Google Cloud Storage, JupyterLab, SQL Analytics

**Concepts:** RESTful APIs, CI/CD, Agile (Scrum/Kanban), Testing (JUnit, Selenium)

## Learning & Experience

Independent Developer / Student Engineer2024 – PresentCape Town, South Africa Developed **full-stack web applications** using **React, Node.js, and Firebase**, enhancing interactivity and data handling. Built **ETL data pipelines** with **Python and SQL** to automate analytics and business insights. Implemented **Docker** and **CI/CD pipelines (GitHub Actions)** for fast, reliable deployment. Integrated **AWS S3 and Google Cloud buckets** for secure data storage and management. Wrote **clean, testable code** aligned with performance goals and user needs. Hackathon Leader & Mentor2021 – 2024Google Dev / Babes Got Bytes / PitchPrint Led the **Code Busters** team in hackathons to create innovative data-driven solutions. Mentored coding beginners, explaining programming concepts in simple, practical terms. Collaborated on automation and AI-driven projects to improve process efficiency.

## Key Projects

**SA Deliver App** | *JavaScript, Java, SQL, Docker, Railway, Netlify*2024 Developed a **delivery management app** with a **Java backend** and **JavaScript frontend**. Deployed backend on **Railway** and frontend on **Netlify** using CI/CD workflows. Integrated **RESTful APIs** and authentication to improve tracking and logistics efficiency.

**Cash On Delivery** | *JavaScript, HTML, CSS, Bootstrap*2023 Created an **e-commerce platform** with cash-on-delivery functionality, shopping cart, and user login. Designed a **responsive interface** for improved accessibility and mobile performance.

**Let's Shop** | *JavaScript, Node.js, Docker, Netlify*2023 Built an **online store platform** with product catalog, hot deals, and newsletter signup. Deployed via **Docker and Netlify** with CI/CD using GitHub Actions for automated releases.

## Education

WeThinkCode\_2024 – 2026 (Expected)**Software Engineering / Data Engineering**Cape Town, South Africa  
CodeSpace AcademyCompleted 2024 — **Distinction (82%, 97% Attendance)****Software Development Certificate**Cape Town, South Africa

## Core Strengths

**Analytical Thinking • Problem Solving • Leadership • Communication • Team Collaboration • Attention to Detail • Business Logic Awareness**