

RENALDY CHRISTIAN LEWA

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EDUCATION

Bachelor of Science in Computer Science

Hochschule Darmstadt (5th Semester) April 2022 - Present • Darmstadt

Preparatory College (T-Kurs)

Leibniz Universität Hannover • Hannover • 2021

EXPERIENCE

Mock Scrum in Software Engineering Module

Hochschule Darmstadt

April 2023 - August 2023, Darmstadt

- **Stacks:** Python, Docker, Sonarqube, GitLab, Graylog.
- Used CI/CD and Automated Pipelining for the project.
- Found and fixed code smells and bugs.
- Deployed project into 3 stages (commit, acceptance, release).
- Made Unit tests and Integration tests for the project.

PROJECTS

CoinLizard, Fullstack Developer

<https://github.com/mersceery/CoinLizard> • March 2024 - March 2024

- **Stacks:** React.js, Java, Spring Boot, Spring Data JPA, Spring WebSocket, Maven, Selenium (Python), PostgreSQL, Docker.
- Implemented functionalities similar to CoinGecko/Coinmarketcap like the Coin's details, Chat Room, Currency conversion and news about Cryptocurrencies.
- Used multiple APIs for the data from different sources such as CoinGecko's API and CoinCap's API.
- Spring Boot for the Backend with multiple endpoints, WebSocket and CRUD operations to the database.
- Selenium for automated web testing.
- Dockerize the Frontend, Backend and Database with the aim for Consistent Development Environment, Portability, Scalability, Dependency Management and Version Control.

Pizza Service Platform, Fullstack Developer

<https://github.com/mersceery/PizzaPlatform> • November 2023 - January 2024

- **Stacks:** PHP, HTML, CSS, PHP, phpMyAdmin.
- Developed a comprehensive web platform for ordering pizzas online, providing users with a seamless experience from browsing to checkout.
- Database management with phpMyAdmin.

Epic Seven Web Scraper Discord Bot

<https://github.com/mersceery/Epic7-RTA-Stats-Discord-Bot> • October 2023 - October 2023

- **Stacks:** Python, Insomnia, Pandas.
- Scraped API from <https://epic7.gg.onstove.com/en/>.
- Transform the API to Python Code using Insomnia.
- Filter data from JSON using Python and Pandas.
- Host the Bot on Discord for other user to use.

Rate My Professor Android App, Mobile Developer

<https://github.com/mersceery/RateMyProfessor-App> • April 2023 - July 2023

- **Stacks:** Java, Firebase, XML, Android Studio, Gradle.
- Implemented logic for the application workflow with Java.
- Designed and implemented the user interface with XML and Java.
- Backend Database with Firebase.

Dungeon Crawler Game

<https://github.com/mersceery/Dungeon-Crawler-Game> • October 2022 - January 2023

- **Stacks:** C++, QtCreator, QT GUI.
- Developed the Game logic and GUI purely using C++ on Qt Creator.
- Dijkstra's Algorithm was implemented for the Zombies Path Finding Algorithm.
- Implemented game logic such as level changers, portals to another tile, ramps, walls, ladders.

SKILLS

Technical Skills

- Programming Languages: Java, C++, Javascript, Python
 - Backend Stacks: Java Spring boot, Spring Data JPA, Spring WebSocket, Firebase, PHP
 - Frontend Stacks: React.js, HTML, CSS, React Frameworks
 - Databases: MongoDB, MySQL, PostgreSQL
 - Testing Framework: Selenium
 - Tools: Docker, Git, GitHub, GitLab, Maven, JetBrains IDE, Qtcreator, VScode, Android Studio, Insomnia
- Languages: German, English, Indonesian
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