

Kunal Sharma

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Linkedin | GitHub

Education

Silicon Institute of Technology

Orissa

Computer Science Engineering Bachelor of Technology

September 2019 – June 2023

CGPA: 8.8

Experience

Hindalco Industries Limited | Summer Trainee

Renukoot, India | July 2023 - September 2023

- **Automated data entry processes, eliminating manual data entry, saving time, and reducing errors.**
- **Enabled real-time updates** of QR code scans, enhancing data accuracy and decision-making.
- Developed a QR Scanner application with database integration, aligning with automation and data accuracy goals.

Skills

- **Programming Languages:** Java, Kotlin, C++, Python
- **Libraries/Frameworks:** Npm, React, Mediaplayer, Glide dependency, Expression builderTools
- **Tools/ Platforms:** Eclipse, Android, Android studio, Annaconda
- **Databases:** Oracle, MySql

Projects / Open-Source

Criminal-Analysis-and-Reporting-System | Link

Java, MySQL, Unit Testing

- This project exemplifies **industry norms** with organized packages - **dao, utility, entity,** and **c.myexception.**
- The inclusion of a **JUnit Jupiter testing** class ensures comprehensive testing, guaranteeing a **robust** and reliable system.

Hospital-Management-System | Link

Java, MySQL, JDBC.

- Explore a concise Hospital Management System in **Java**, showcasing **OOPs** concepts (Polymorphism, Inheritance), **data abstraction**, and **JDBC** connectivity.
- Developed in 4 hours, this project reflects rapid coding, **custom exception handling**, and effective database integration.
- Efficient, secure, and extensible dive in!

Household Income Prediction using machine learning | Link
Streamlit, Visual Studio Code

Machine Learning, Python,

- Conducted a comprehensive evaluation of **9+ machine learning algorithms** to optimize household income prediction.
- Achieved an impressive 90% prediction accuracy with a **Neural Network model**,
- demonstrating proficiency in data analysis and the ability to deliver quantifiable results through **data-driven** insights.

Calculator - Using Android Studio | Link
Expressionbuilder

Android Studio, Kotlin, MVVM architecture,

- Demonstrated advanced mobile app development skills by creating a calculator application in **Kotlin**.
- utilizing the **Expression Builder library** and showcasing architectural expertise through **MVVM design**.

Certifications

- Summer Training - Hindalco Industries Limited.
- Data Structure and Algorithm in Python - NPTEL IIT-Madras.
- Data Science with Python - NPTEL IIT- Madras.
- Participated in G-20 2023 Educational Meeting at Bhubaneshwar - Ministry of Skill Development and Entrepreneurship.
- J.P Morgan Software Engineering Virtual Experience - Forage.