

ROHITH R

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EDUCATION

AJ Institute of Engineering & Technology, Mangalore <i>B.E - Information Science & Engineering - CGPA (Current): 7.9</i>	2022 – 2026 <i>Mangalore, Karnataka</i>
SRI VENKATARAMANA PU COLLEGE, Kundapura <i>PUC - PCMC</i>	2020 – 2022 <i>Kundapura, Karnataka</i>
Govt. High School, Siddapura <i>SSLC</i>	2019 – 2020 <i>Siddapura, Karnataka</i>

PROJECTS

A Chat Application using Java Socket programming | Java, Socket, Data Streams, GUI **2024**

- Developed a **GUI Messaging App** using **Java Swing**, implementing **client-server messaging** via **Java Sockets** and **Data Streams**.
- Features real-time formatting, user profiles, and enhanced understanding of **client-server protocols**.

Plant Disease Detection System for Sustainable Agriculture | Deep Learning, TensorFlow/Keras **2025**

- Developed a deep learning model using **TensorFlow/Keras** for plant disease classification based on image recognition, capable of identifying 38 different plant diseases and healthy plant states.
- Achieved **86.61% accuracy** in **plant disease classification** across 38 classes through effective image data augmentation and deep learning techniques using TensorFlow/Keras.
- Developed an AI-driven system for **plant disease diagnosis**, empowering farmers with timely and accurate information for effective crop management and improved yields.

ArecaSafe: An Intelligent Sentinel for Arecanut Crop Health | Flutter, python, InfluxDB, IOT **Present**

- Spearheaded **ArecaSafe**, an **AI/IoT system** for **real-time crop health monitoring** and **disease prediction**, providing **actionable insights** to farmers.
- Engineered core system components: **IoT environmental sensors**, **deep learning** for image analysis, and a **Flutter mobile app** for **real-time alerts** and recommendations.

PROFESSIONAL EXPERIENCE

Edunet Foundation – AI & Data Analytics Virtual Internship **Apr – May 2025**

- Training & Learning:** Completed 1-month **AI & Data Analytics virtual internship** under Skills4Future, in collaboration with **AICTE** and **Shell India**.
- Skill Development:** Gained hands-on experience in **data analysis**, **green skills**, and collaborative project work aligned with industry standards.
- Professional Engagement:** Participated in structured sessions to enhance practical understanding of **AI concepts and data handling**.
- Internship project is the 2nd project listed in the Projects section above.*

TECHNICAL SKILLS

Languages: C++, Core Java, Python, SQL (Basic).
Technologies/Frameworks: HTML5, CSS3, Git & GitHub.
Libraries & Tools: NumPy, Pandas, Matplotlib, Scikit-learn, Google Colab.
Developer Tools: VS Code, Eclipse, MySQL, MongoDB, Figma, FlutterFlow

CERTIFICATIONS

- NPTEL:** Programming in Java (Jul–Oct 2024).
- Infosys:** Introduction to Python (July 29, 2024).
- Edunet Foundation:** AI & Data Analytics Virtual Internship (Apr–May 2025).