

# RAJU S BARADUR

Computer Science Graduate

Portfolio: <https://rajus248.github.io/>

+91 7975903933 | [rajubaradur24@gmail.com](mailto:rajubaradur24@gmail.com)

<https://www.linkedin.com/in/rajubaradur24/>

<https://github.com/RAJUS248>

## CAREER OBJECTIVE

Proactive Computer Science graduate and aspiring **Software & AI Engineer skilled in Python, SQL, Algorithms and Computer Vision.** Completed multiple projects and internships demonstrating **full-stack development, coding, debugging, and optimization expertise.**

## INTERNSHIPS

### Python Intern (SDE Full Stack) | Algorithms365 | Jul 2025 – Present

- Developed scalable web apps using **Python (Django) & MySQL**, optimizing database schemas for performance and reducing query execution time by **20%**.
- Refactored algorithms to reduce latency and managed SDLC deployment using **Git/GitHub**.

### Python Intern | Internz Learn | Oct 2023 – Nov 2023

- Mastered **Core Python** (OOP, Data Structures) and solved **50+** complex algorithmic challenges, improving **code efficiency and logic building.**

## TECHNICAL SKILLS

### Programming Languages

Python (Proficient), SQL (MySQL, MSSQL), JavaScript, HTML5, CSS3.

### AI & Machine Learning

Computer Vision (OpenCV, YOLO), Deep Learning, Generative AI (LLMs).

### Frameworks / Libraries

Django, OpenCV, Streamlit, NumPy, Pandas, Matplotlib.

### Tools & Software

Git/GitHub, Linux (Ubuntu), VS Code, Figma, Jupyter Notebooks, MS Office.

### Soft Skills

Communication, Leadership, Teamwork, Time Management, Problem Solving.

## PROJECTS

### AI Agronomist (The Intelligent Farming Assistant) : [[Kaggle](#)] | (2025 - 26)

- Gemini API Developer Competition:** Built a multimodal AI application using **Google's Gemini API** to function as a virtual "Plant Doctor" for Farmers.
- Multimodal Analysis:** Engineered a system that processes uploaded plant images/video and natural language queries to identify diseases and recommend treatment plans in real-time.
- Tech Stack:** Integrated **Generative AI** for reasoning and deployed the solution with a user-friendly interface, demonstrating proficiency in prompt engineering and API integration.

### Real-Time Nail Disease Detection Using YOLO (YOLOv8): [[GitHub](#)] | (2024 - 25)

- Published** the research paper "[Real-Time Nail Disease Detection Using YOLO](#)" in **IRJMETS**
- App Development:** Built a **Streamlit**-based web app for nail disease detection, accessible via **Ngrok** on mobile, achieving **90% accuracy.**

### Document Scanner Using OpenCV: [[GitHub](#)] | (2024 - 25)

- Built a document scanner using **OpenCV** for automatic edge detection and contour alignment.
- Added functionality to convert scanned images (JPG) into high-quality PDF files.

### Dairy Management System (DBMS): [[GitHub](#)] | (2023 - 24)

- Engineered a full-stack Dairy Management System using **HTML, CSS, JavaScript, PHP**, and **MySQL**.
- Implemented user roles and dashboards for Admin, Staff, and Customers with CRUD operations.

### Small Web and AI Based Projects:

- [AI Health Tracker](#) | Tech Stack: Google Gemini API, Firebase Hosting, HTML, CSS, JS
- [Time Complexity Quiz Web Application](#) | Tech Stack: HTML, CSS, JavaScript
- [Small E-Commerce Website](#) | Tech Stack: HTML, CSS, JavaScript

## EDUCATION

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**B.E. in Computer Science & Engineering | CGPA: 8.81**

*Angadi Institute of Technology & Management, Belagavi | 2021 – 2025*

**Pre-University Course (PCMB) | Percentage: 85.50%**

*Smt. Savita Shridhar Phattepur, Ramdurg | 2019 – 2021*

**Secondary School Leaving Certificate (SSLC) | Percentage: 89.92%**

*Adharsh Vidyalay (RMSA), Ramdurg | 2018 – 2019*

## CERTIFICATIONS & TRAINING

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- **Amazon Web Services (AWS) Fundamentals**

*Gained foundational knowledge of EC2, S3, and cloud deployment strategies.*

- **Industrial Training in Mobile Application Development** – IBM & Rooman Technologies (Skill India)

*Completed government-certified training in Mobile Application Development.*

- **Python Programming** – Internz Learn

*Hands-on training in Core Python, OOPs, and Data Structures.*