

RAJU S BARADUR

Computer Science Graduate

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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

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

- **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.