

# ANIRUDH M SANDILYA

## Software Developer

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## SUMMARY

Motivated and versatile CS graduate with hands-on experience in web development, backend engineering, AI/ML, and Linux systems. Skilled in building robust software systems, automation tools, and intelligent models. Passionate about clean code, secure development, and scalable architectures.

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## SKILLS

Languages: Python, JavaScript, TypeScript, C++, Java, C

Web & Backend: Flask, Node.js, Express, React, Redux, MERN, Spring Boot

Databases: MongoDB, Firestore, MySQL, PostgreSQL

DevOps: Docker, GitHub Actions, CI/CD

Tools & Concepts: Firebase, REST APIs, RPA (UiPath), TensorFlow, Bash, JWT Auth

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## EXPERIENCE

### Gladwell Academy – AI/ML Intern (Feb–May 2025)

- Built Agile story point predictor using Random Forest with a Next.js frontend dashboard.
- Developed CNN model for gender classification; studied bias in AI predictions.
- Explored ethical AI principles under NITI Aayog and applied regression/clustering methods.

### Confido Health – Software Intern (Jul–Aug 2024)

- Conducted prompt engineering and testing for LLM-based voice agents using Retell AI.
- Evaluated AI response accuracy across user interaction scenarios.

### Confido Health – RPA Intern (Jul–Aug 2023)

- Automated repetitive tasks using UiPath and Python RPA.
  - Performed Jest-based unit testing for Firebase cloud functions in TypeScript.
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## PROJECTS

### Exam Timetable Generator

- Led development of a scheduling system using Flask and MongoDB with ReactJS frontend.
- Used Google OR-Tools and Genetic Algorithms to reduce exam conflicts and optimize room allocation.

### Student Management Platform

- Built and maintained student lifecycle platform (enrollment, attendance, batch allocation).
- Initially used MERN stack with JWT auth, later migrated to Firebase+React for real-time updates.

### Taxi Management System – IEEE Codeathon 2023

- Designed a full-stack app with Firebase backend for real-time ride tracking and booking logic.
  - Implemented location tracking, booking system; won 3rd place among 20+ teams.
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## EDUCATION

B.Tech in Computer Science – Presidency University, Bangalore (2021–2025)

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## CERTIFICATIONS

Python Programming – GUVI (IITM Research Park) | MERN Stack, Machine Learning, Cloud Computing – Simplilearn