Kacham Rohith

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in rohithkacham

OBJECTIVE

Aspiring Computer Science student with hands-on experience in IoT, automation, seeking opportunities to apply my technical skills and contribute to innovative, real-world solutions in a dynamic organization.

EDUCATION

ACE Engineering College, Hyderabad   **2021 – 2025**
Bachelor of Technology in Computer Science (IoT)   *CGPA: 7.0*
Sri Chaitanya Junior College, Hyderabad   **2019 – 2021**
Intermediate Education (MPC)   *Percentage: 70%*
SR Digi School, Hyderabad   **2018 – 2019**
SSC Board Education   *CGPA: 8.7*

TECHNICAL SKILLS

Programming Languages: Python, C Programming
Coursework: IoT, Robotic Process Automation (RPA)
Web Technologies: HTML, CSS, JavaScript
CRM/Cloud Platforms: Salesforce, ServiceNow

SOFT SKILLS

- Strong Communication
- Hardworking and determined
- Quick learner
- Leadership qualities

PROJECTS

Automated Amazon Cart Management: A Robotic Process Automation (RPA) Solution ⬈
- **Tech Stack:** Python, Selenium
- Automated Amazon product search, price tracking, and cart management using Selenium. Reduced manual effort and enhanced e-commerce operational efficiency.

Automated Student Result Management System (ASRMS) ⬈
- **Tech Stack:** Python, SQLite
- Built a system to generate and manage student results with automatic calculations. Enabled efficient record storage and retrieval for academic performance.

Object Detection using YOLO/SSD ⬈
- **Tech Stack:** Python, OpenCV, YOLO/SSD
- Developed a real-time object detection system capable of identifying and locating items in video streams. Enhanced detection speed and accuracy using deep learning models.

Temperature Maintenance in an Incubator Using Arduino UNO ⬈
- **Tech Stack:** Arduino UNO, Temperature Sensor, C/C++
- Implemented a temperature control system for incubators using sensor input and feedback loop. Ensured optimal environment for biological sample growth.

Intelligent Curve Alert System for Mountain Roads ⬈
- **Tech Stack:** Arduino, Accelerometer, GPS, GSM Module
- Detected accidents using accelerometers and transmitted location via SMS using GPS and GSM modules. Aimed to improve emergency response on hazardous mountain roads.

IoT-Based Smart Door Lock System ⬈
- **Tech Stack:** Arduino, IoT, Keypad, Blynk App
- Designed a secure door lock system with keypad and smartphone-based control. Enabled remote access and real-time monitoring through IoT integration.

CERTIFICATIONS

- HackerRank Certification in Python
- Certified in Robotic Process Automation (RPA) – ICT Academy (Under Infosys Foundation), 2025
- Successful Completion of Salesforce Developer Virtual Internship Program, 2023
- Certified as an Intern at Soham Academy of Human Excellence
- Appreciation Certificate for Innovation Coaching – Soham Academy of Human Excellence

EXTRA AND CO-CURRICULAR ACTIVITIES

- Participated in SportsBot which was organized by ANURAG UNIVERSITY in TABLE-TENNIS.
- Participated in HACKFEST-2023 which was organized by ACE Engineering College.
- Participated in CODE PRAGNA-2023 which was organized by ACE Engineering College.
- Active Volunteer in the National Service Scheme (NSS).