

# Bondugula Raju

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Hyderabad, Telangana, India

## Professional Summary

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Motivated and detail-oriented Computer Science Engineer with a strong foundation in software development, cloud computing, and machine learning. Experienced in building secure and scalable applications, managing infrastructure, and leading technical projects. Demonstrated ability to learn quickly, solve problems efficiently, and collaborate effectively with peers. Passionate about cybersecurity, automation, and applying technology to solve real-world challenges.

## Academic Qualifications

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**Vignana Bharathi Institute of Technology, Hyderabad**

B.Tech in Computer Science and Engineering

CGPA: 7.2 / 10.0

**Narayana Junior College, Hyderabad**

Intermediate (MPC)

Marks: 938 / 1000

**Vikas High School, Siddipet**

High School

CGPA: 9.0 / 10.0

## Core Competencies

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- Software Development, Machine Learning, Cybersecurity
- Cloud Computing, DevOps, Infrastructure as Code (IaC)
- Leadership, Team Coordination, Project Management
- Web Development, UI/UX Design, Problem Solving

## Technical Skills

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**Languages:** Java, C, Python

**Web:** HTML, CSS, JavaScript

**DevOps:** Git, Maven, Docker, Jenkins, AWS, Terraform, Ansible

**Tools:** Salesforce CRM, Business Intelligence Tools

**Other:** DBMS, Data Structures, IT Infrastructure Management

## Internships & Experience

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**Web Development Intern – InfoAidTech**

- Developed responsive websites, calculators, and product landing pages using HTML, CSS, and JavaScript.
- Applied UI/UX principles and collaborated in a frontend development team.

**Cloud Intern – AWS & Juniper**

- Worked with AWS services, Terraform, and Ansible for automated cloud deployments.
- Implemented security policies, VPCs, and Infrastructure as Code (IaC).

## Projects

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**Advanced Malware Detection System Using Machine Learning**

- Developed a malware detection platform to analyze and classify '.exe' files using machine learning models.
- Extracted features and trained models such as Random Forest and XGBoost.
- Integrated VirusTotal API for result validation.
- Built a Flask web application for real-time scanning.

- **Technologies:** Python, Scikit-learn, Flask, VirusTotal API, HTML/CSS

### **Real-Time Hand Gesture Recognition for Media Control**

- Built a system to detect and interpret hand gestures using a webcam.
- Used MediaPipe to track hand landmarks and recognize gestures.
- Integrated PyAutoGUI for media control automation.
- **Technologies:** Python, OpenCV, MediaPipe, PyAutoGUI

### **Tour Management System**

- Created a travel guide web app to help users find tourist destinations.
- Designed an interactive and responsive user interface.
- **Technologies:** HTML, CSS

## **Certifications**

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- **Build an IoT Blockchain Network for a Supply Chain** – IBM Cognitive Class (April 2025)
- **TCS iON Career Edge – Young Professional** – Tata Consultancy Services (TCS iON)
- **Solutions Architecture Job Simulation** – Forage (AWS Collaboration)
- **Software Engineering Job Simulation** – Forage (Electronic Arts Collaboration)
- **Cybersecurity Analyst Job Simulation** – Forage (Tata Collaboration)
- **Optimizing Windows with Configuration Manager** – Microsoft Learn
- **Create and Configure DAX Calculations** – Microsoft Learn
- **Create and Configure Cloud Connectivity** – Microsoft Learn

## **Leadership & Extracurricular Activities**

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- Organized technical events, workshops, and cultural fests during college.
- Participated in club activities focusing on marketing, event planning, and creative thinking.

## **Strengths & Soft Skills**

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- Quick Decision-Making, Analytical Thinking, Problem Solving
- Strong Communication, Team Collaboration, Active Listening
- Punctual, Adaptable, Self-Motivated

## **Hobbies**

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- Playing Cricket, Photography, Watching Movies