

# M BHANUPRAKASH REDDY

bpreddy0011@gmail.com  
+918431456665

www.linkedin.com/in/m-bhanuprakash-reddy-445033232/  
https://github.com/BpReddy1104

---

## SUMMARY

Highly motivated Computer Science student with a solid foundation in Linux, Docker, Git, basic CI/CD, and foundational AI concepts. Eager to transition web development, Python, and SQL expertise into a DevOps role, leveraging hands-on experience with Kubernetes and Terraform fundamentals. Possesses a proven ability to quickly learn and adapt to new technologies, seeking to contribute to streamlined deployments and infrastructure automation in a dynamic team environment.

## INTERNSHIP

- **R&D | RETRO SAFE INNOVATIONS LLP**
  - I worked on integrating a 4G LTE HAT with a Raspberry Pi 3, antenna, and Ubuntu Linux for real-time data interaction.
- **APP DEVELOPER | RETRO SAFE INNOVATIONS LLP**
  - I worked on developing applications for the company.

## RELEVANT SKILLS

- **Programming:** C, Python
- **Containerization:** Docker, K8S
- **Automation:** CI/CD, Terraform
- **OS:** Linux
- **Cloud Provider:** AWS

## EDUCATION

- **GITAM UNIVERSITY** -Bengaluru, Karnataka
  - B.Tech in CSE | CGPA: 8.01 2021-2025
- **PUPIL TREE PU COLLEGE** -Ballari, Karnataka
  - 12th / PUC | Percentage: 88.33% 2019-2021
- **GAYATHRI HIGH SCHOOL** -Ballari, Karnataka
  - SSLC | Percentage: 82.7% 2019

## PROJECTS

- **IDAS GPS MODULE | 4G lte HAT (Raspberry Pi 3, Antenna, ubuntu Linux)**
  - Developed a GPS module using a 4G LTE HAT with a Raspberry Pi 3, equipped with an antenna and running on Ubuntu Linux. The system integrates GPS tracking along with emergency call alerts and SMS functionality.
- **Plant Disease Detection and Fertilizer Recommendation System**
  - Built an AI-driven system using CNNs to detect plant diseases and recommend fertilizers by analysing leaf images, ensuring accurate diagnostics and user-friendly interaction for farmers.
- **AI-driven CI/CD pipeline with GitHub Actions.**
  - Developed an AI-integrated CI/CD pipeline using GitHub Actions, SonarQube, OpenAI API, and Render for automated testing, intelligent code review, and seamless deployment.

## CERTIFICATION

- **Docker Fundamentals** - Coursera(<https://coursera.org/share/c14b4a1e6e462f5b3dcb3c9ace79aeec>)
- **Jenkins for Beginners** - Coursera(<https://coursera.org/share/d2300a338532176c803255b05b8f3fa3>)
- **Crash course on Python by Google** - Coursera(<https://coursera.org/share/71708a207ec99b2d903f8491a5ca8b8a>)

## ACHIEVEMENTS

- SIH Hackathon – selected as best 20 teams among 150+ teams