

# CHERUKUPALLI RAJESH

Hyderabad

☎ 8341479882 ✉ [rajeshcherukupalli@gmail.com](mailto:rajeshcherukupalli@gmail.com) 💼 [rajesh-cherukupalli](https://www.linkedin.com/in/rajesh-cherukupalli) 🌐 [github.com/rajeshch1108](https://github.com/rajeshch1108)

## Education

### B V Raju Institute of Technology

Dec. 2020 – Apr 2024

- *B.Tech in Information Technology*

CGPA: 9.2/10.0

### Alphores Junior College

2018 – 2020

- *Intermediate(M.P.C)*

Marks: 986/1000

## Experience

### ADP(Automatic Data Processing)

July 2023 – Oct 2023

*Global Product and Technologies Intern*

*Hyderabad*

- Worked towards building Dynamic JSON Builder, which dynamically renders a React form based on API Schema.
- This tool also validates the payload which is given through a form input fields before hitting the actual APIs' and resulting in the decrease of the number of 404 Errors, when an application is being used by partner clients.

### JavaTpoint

Sep 2022 – Feb 2023

*Technical Content Writing Intern*

*Remote*

- Worked as a Content Writer Intern at JavaTpoint.
- This internship provided an opportunity to gain experience in technical content writing and contribute towards creating informative content across a variety of technical topics.

## Projects

### NeuroScan: Trailblazing Early Alzheimer's Detection with Deep Learning | *Deep learning, Inception V3*

- Developed a novel deep learning-based framework, NeuroScan, to facilitate early detection of Alzheimer's disease using diverse data sources, primarily brain imaging.
- Employed data augmentation strategies to enhance the ADNI dataset, improving model robustness and performance.
- Utilized TensorFlow, Keras, Python, and advanced image processing libraries for model development and validation.

### Future Guide | *HTML, CSS, JavaScript*

- Crafted a mobile as well as web application that offers a guided path for choosing courses depending on Student's interest.
- Developed the top 2 features which are Guided Path, Courses according to path.

### Heart Failure Prediction | *Python, Machine Learning, Android Studio*

- This project involves classification algorithms of Machine Learning, and deployed the best accuracy algorithm(Random Forest) into the app.
- It was deployed into an application using Heroku, a cloud platform that allowed for easy hosting and scalability.
- To facilitate seamless communication between the app and the machine learning model, the Volley API was integrated.

## Technical Skills

**Programming Languages:** Java, Python, JavaScript

**Databases:** SQL, Firebase

**Others:** HTML, CSS, ReactJS, Machine Learning, Splunk

## Certifications and Achievements

- NPTEL-Programming, Data Structures and Algorithms using Python(Elite)
- NPTEL-Soft skills(Silver Certificate)
- Certificate of Oracle Databases for Developers: Foundations
- Part of IoT BootCamp, sponsored by NCSTC division, Dept of Science and Technology, Govt of India.

## Extracurricular activities

- As a Motorsport enthusiast, I have worked as assistant race control and marshal in Hyderabad ePrix, contributing to the smooth execution of such high-profile event.