

# R.K.Swetha

Email rk.swetha2k2@gmail.com



## PERSONAL DETAILS

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Current Location Bengaluru  
Date of birth September 19, 2002  
Gender Female

## EDUCATION

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Graduation **B E Computer Science and Engineering**  
MVJ College of Engineering, Bangalore, with 8.971 CGPA in 2024  
Achievements: College Design club member

Class XII Christ Junior College, Bangalore, with 80.5% in 2020

Class X St. Don Bosco's School, Bangalore, with 92.96% in 2018

Certification Course Learn Python (from CodeChef)  
Java Course - Mastering the Fundamentals (from Scaler)

## INTERNSHIPS AND PROJECTS

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### Internships

#### Datalense Services

(Duration July 2023 - August 2023)

During my internship, I was immersed in a variety of tasks including data analysis using Python, visualization with tools like Microsoft Power BI, Web Scraping for data collection, conducting research, collaborating with team members, and documenting project workflows. This hands-on experience provided me with valuable insights into real-world data science practices while allowing me to contribute to the team's objectives and learn from experienced professionals.

Skills used - Python, Data Analysis, Microsoft Power BI, Web Scraping

### Projects

#### Brain Tumour and Parkinson's disease detection using Deep Learning

(Duration August 2023 - March 2024)

I spearheaded the development of a deep learning model aimed at precise detection and characterization of brain tumors. This model, utilizing convolutional neural networks, effectively classified tumors into meningioma, pituitary, and glioma types while also providing crucial measurements for diameter and area. Additionally, I led efforts to implement a multimodal approach for Parkinson's Disease detection, integrating drawing and MRI datasets to enhance accuracy and provide a holistic understanding of the disease.

Skills used – Python, Deep Learning, CNN Architecture, Web technology.

#### Grocery Store Management System

(Duration October 2022 - December 2022)

I spearheaded the development of a comprehensive Grocery Store Management System. I crafted a user-friendly interface. This project allowed me to seamlessly integrate and facilitate inventory management, sales processing, and customer relations. Through hands-on experience,

I applied theoretical concepts in practical settings, enhancing my proficiency in web development and database management.

Skills used – Web technology, Database – MySQL, DBMS, and Server – Local Host

## SKILLS

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### Technical skills

Java, Data Structures and Algorithms, DBMS, MySQL, Microsoft Power BI, Data Analysis, Python, Problem Solving (LeetCode)