

# Karthik Goud Valdas

Mahabubnagar, Telangana

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## Summary

Dedicated and proficient Software Engineer interested in cutting-edge technology. An active learner with a BTech in Electrical Engineering and robust Python, C/C++, and JavaScript skills. I am excited about the opportunity to contribute, leveraging expertise in Node.js, HTML/CSS, and database schemas. I am eager to be part of the software industry and deliver high-performance applications.

## Education

### Indian Institute of Technology, Bhilai

BTech Electrical Engineering CGPA : 8.48

Chhattisgarh, India

November 2020 - Current

### Sri Chaitanya Junior College

Class 12 Percentage : 98.8 %

Hyderabad, Telangana

2020

### Mahabubnagar Grammar School

Class 10 GPA : 9.8

Mahabubnagar, Telangana

2018

## Skills

**Programming** C/C++, Python, HTML/CSS, JavaScript, SQL

**Frameworks/Libraries** Express.js, Bootstrap, jQuery, Node.js, ReactJS

**Softwares/Tools** Git, Matlab, Arduino, Xilinx-FPGA, GNU Radio, MySQL, Power BI, Tableau, VSCode, Solid Edge, LaTeX

## Work Experience

### CodSoft

Web Developer Intern

Remote, India

Aug 2023

- Designed a Landing page and a Portfolio.
- Developed a calculator with JS, using technical skills in HTML, CSS, and JavaScript.
- Technical Skills:** HTML, CSS, Bootstrap, JavaScript, Git.
- Soft Skills:** Time Management, Presentation skills.

## Projects

### Teacher Management App

GitHub link

June 2024

- Developed a full-stack web application using React for the front end and Express.js for the back end, enabling CRUD operations on records.
- Implemented key features including dynamic state management, form handling, and RESTful API integration to ensure efficient data operations and a user-friendly interface.

### Portfolio Website

GitHub link

June 2024

- Developed a responsive personal portfolio website using React, CSS, and JavaScript, enhancing user experience.
- Implemented dynamic navigation highlighting by managing active state with React hooks and event listeners.

### File Transfer Application - Client Server model

Course: Computer Networks

IIT Bhilai

November 2023

- Implemented a file transfer application utilizing NS-3 for network simulation and socket programming.
- Developed a client-server model for terminal-based file transfer using python.

### Data Analysis for Fruit Ripening Detector

Course: Independent Project

IIT Bhilai

March 2022 - April 2022

- Analyzing the data collected from fruits by measuring their resistance to predict their lifetime.

## Others

**Courses** MySQL Basics - GreatLearning, JavaScript Bootcamp - LetsUpgrade

**Sports** Badminton and Cricket are my interests. Also participated in PRAYATNA, annual sports event

**Reading** Reading books is my hobby, prefer fantasy books and Comics

**Video Games** Mobile games to pass my free time