Karthik Goud Valdas

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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 *Chhattisgarh, India*
BTech Electrical Engineering   **CGPA** : 8.48 *November 2020 - Current*

Sri Chaitanya Junior College *Hyderabad, Telangana*
Class 12   **Percentage** : 98.8 % *2020*

Mahabubnagar Grammar School *Mahabubnagar, Telangana*
Class 10   **GPA** : 9.8 *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 *Remote, India*
Web Developer Intern *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.

Personal Webpage
GitHub link *July 2023*
- A personal webpage consisting of my skills and details, made using HTML and CSS with a responsive design.
- The website has resume details and links to all the personal projects

File Transfer Application - Client Server model *IIT Bhilai*
Course: Computer Networks *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 *IIT Bhilai*
Course: Independent Project *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