

Valipishetty Sathwik

7569677148 - valipishettysunny@gmail.com - [Linkedin](#) - [Github](#) - [leetcode](#)

EDUCATION

- **CVR College of Engineering, Telangana, India**
Computer Science Engineering — GPA: 8.4/10.0 — December 2020 - June 2024
Core Modules - DSA, OOPS, OS, DBMS, AIML
- **Additional Academic Engagements:** Understood SOLID principles and various design patterns, enhancing ability to design robust and maintainable software solutions through Youtube.

SKILLS

Programming Languages: Java, C, JavaScript, HTML, CSS

Libraries and Frameworks: React.js, Node.js, Express.js

Tools : Github, MongoDB, Git, Pycharm, VSCode, Jupyter

Libraries : TensorFlow, Keras, OpenCV, sklearn

WORK EXPERIENCE

Web Developer Intern

BharatIntern, Remote

Nov 2023 - Dec 2023

- Designed and implemented a user-friendly web page with 4 main features: view, post, delete and edit the blogs
- Improved performance by 20% and enhanced user experience through backend and frontend optimizations, implementing efficient data retrieval and intuitive UI enhancements.

PROJECTS

EXPENSE TRACKER — Technologies Used : EJS, Javascript, MongoDB, Express.js, Chart.js — [Link](#)

- Developed a Web Based Expense Management System with 3 different data visualisation tools
- Enabled 50+ users to seamlessly visualize and analyze expense vs income, enhancing financial capabilities.
- Elevated user engagement metrics by 10% through the integration with Chart.js, leading to a more intuitive and user-friendly interface.

Sorting Visualizer — Technologies Used : HTML, CSS, Javascript — [Link](#)

- Created a Step-Step visualization to demonstrate sorting process of 5 algorithms
- Implemented array size (10-100 elements) and sorting speeds (1-320 ms) using sliders, optimizing user control and real-time visualization.
- Gained traction with over 50 users exploring the project and 6 users cloning the repository

FACE MASK DETECTION — Technologies Used : TensorFlow, Keras, OpenCV, Python, Numpy — [Link](#)

- Led a team of 3 people and utilised popular deeplearning frameworks such as tensorflow to design and train the model
- Achieved a highest accuracy of 94% using the Adam optimizer and fine-tuning techniques
- Reduced complexity by 30% and improved processing speed by applying grayscaling to input images

AWARDS AND CERTIFICATIONS

- Solved more than 1000+ problems in leetcode and GFG with max rating of 1650 in leetcode. [Link](#)
- Obtained Institute rank 10 in Geeks For Geeks. [Link](#)
- Certified in front end program from Epam Systems. [Link](#)
- Received NASSCOM certification in artificial intelligence. [Link](#)
- Completed a Node.js bootcamp and was awarded a certificate organised by scaler.
- Earned certification in Pro5.ai, placing within the top 5% of professionals. [Link](#)
- Awarded both Beginner and Advanced Certifications in Java through Ebox.

EXTRACURRICULAR ACTIVITIES

- **Executive Team Member** in Computer Society of India - November, 2021 - September, 2023
- **Event Organiser** in Image Processing Workshop, CVR College Of Engineering
- Designed 20+ eye-catching banners and posters with the design team for Cypherfest using Canva, resulting in a 35% boost in event visibility and a 25% increase in ticket sales