

Gaddam Harsh Vardhan

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EDUCATION

Bachelor's of Technology in CSE-Data Science,
MLR Institute of Technology

Aug 2021 – present

PROFESSIONAL EXPERIENCE

MENTOR, Smart Interviews

Oct 2023 – present

- Mentored a diverse group of 250 individuals in Data Structures and Algorithms.
- Collaborated with fellow mentors to enhance the overall mentorship program and create a supportive learning community.

INTERN, H-BOTS

Mar 2022 – Jun 2022 | India

- Developed an innovative robotic system for automated person **detection**, greeting, and handshake initiation upon entry into the lab.
- Used **Raspberry Pi 4** as a computer, implemented **Face Detection and Matching** using **SVM** Machine Learning Algorithm and achieved hand shake movements using **servo** motors
- Integrated an MLX temperature sensor into the robot's arm to enable temperature measurement when shaking hands with a person.
- Collaborated with a multidisciplinary team to ensure seamless integration of hardware and software components.

ACHIEVEMENTS

Secured **All India Rank 2317** in **Google** Farewell Round A 2023 📄

Secured **Global Rank 2616** in **T.C.S. CodeVita** 2021 📄

Secured **Global Rank 153** in **CodeChef** Starters 80 Div. 3

Secured **2nd** place in **SwitchCode** and **3rd** place in **SPLASH** coding contests (MLRIT)

PROJECTS

Full Featured E-Commerce website 📄

- Designed and developed a comprehensive **E-Commerce** website using the MERN (**MongoDB, Express.js, React, Node.js**) stack.
- Implemented a robust shopping cart system and integrated product reviews and ratings functionality to enhance user engagement and decision-making and implemented a powerful product search feature for efficient and user-friendly navigation.
- Utilized **HTML, CSS, and Bootstrap** for responsive and visually appealing front-end design.
- Integrated secure payment options through **PayPal** and credit card integration.
- Successfully deployed the website on an **AWS EC2** instance for optimal performance and scalability.

Todo Manager 📄

- Developed a **TODD manager** web application, utilized **PostgreSQL** for efficient data storage, ensuring reliability and scalability.
- Implemented **EJS** (Embedded JavaScript) for rendering dynamic and interactive webpages.
- Empowered users to organize and manage their tasks seamlessly through an intuitive and responsive interface.

SKILLS

Data Structures and Algorithms | Java SE 8 | Python | SQL | CS Fundamentals(CN, OS and DBMS)
MySQL | GIT | AWS EC2 | Node.js | JavaScript | React | MongoDB | PostgreSQL | Postman

ORGANIZATIONS

CodeChef Chapter Body (MLRIT), Code Author

Mar 2022 – present

- Contributed problem statements for the **CODEV** coding contest and served as a **Tester** to rigorously evaluate submissions for accuracy and efficiency.
- Collaborated with fellow Code Chef enthusiasts to create a challenging and engaging competition environment.

INTERESTS

Solving Rubik's Cubes | Reading Books | Problem Solving