



# YASH VARA

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## About Me

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- I am a passionate developer proficient in Java, Python, C, C++, PHP, and modern web technologies. Building, testing, and refining robust code is where I excel. Constantly embracing new tech trends, I thrive on learning and adapting swiftly. With strong communication skills and leadership abilities. Eager to tackle challenging projects, I aim to apply my expertise, evolve, and contribute meaningfully.

## Education

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### Marwadi University

Expected May 2025

*Bachelor of Technology in Information and Communication Technology*

*Rajkot, Gujarat*

- Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Machine Learning, Database Management, Web Technology

### Krishna International School

2021

*Class 12th, CBSE, 76 percentage*

*Rajkot, Gujarat*

### Delhi Public School

2019

*Class 10th, CBSE, 75 percentage*

*Rajkot, Gujarat*

## Experience

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### Ally Soft Solutions

May 2023 – July 2023

*Software Engineer*

*Rajkot, Gujarat*

- Utilized React.js to create a seamless and responsive interface, positively impacting user experience.
- Elevated user satisfaction by crafting an intuitive React.js and TypeScript-based user interface.
- Successfully integrated APIs to enhance functionality and user experience.

### IEEE Xtreme-17.0

May 2023 – September 2023

*Student Branch Ambassador*

*Rajkot, Gujarat*

- Coordinated promotional events to boost awareness of IEEE Xtreme 17.0 within the student branch.
- Effectively communicated event details to members via social media, newsletters, and presentations.
- Utilized multiple channels, including social media, to broaden outreach and stimulate interest in the coding competition.

## Projects

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### AR Clothings | Python

- Developed an innovative project focused on augmenting reality by overlaying virtual t-shirts onto the human body using advanced Pose Module technology.
- Implemented Python-based solutions to integrate artificial intelligence (AI) and machine learning (ML) algorithms for precise t-shirt placement and realistic rendering.
- Leveraged AI and ML techniques to analyze human poses and accurately map virtual clothing onto the body, ensuring a seamless augmented reality experience.

### Hackathon Project: Medical Data Sharing and Planning | Django

- Created a comprehensive medical data-sharing platform for doctors, hospitals, and patients using Django.
- Implemented user registration tailored for different users and a patient-centric feature for efficient health monitoring.
- Developed a hospital records system and QR-coded smart health card for streamlined data management and accessibility.

### Ticket Booking System Development | HTML, CSS, and JavaScript, Data Structure

- Successfully developed a ticket booking system using HTML, CSS, and JavaScript, showcasing adeptness in web technologies.
- Utilized BFS (Breadth-First Search) algorithm to efficiently demonstrate and navigate the entire traveling path, enhancing user experience.
- Implemented a user-friendly portal allowing seamless ticket downloads, streamlining the ticket retrieval process for enhanced convenience.

## Achievements

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### Flutter Development @Copyright - RoadSpotter App:

- Designed and developed a crowd-sourcing mobile application, RoadSpotter, using Flutter framework.
- Implemented features allowing users to report unethical activities to local authorities directly through the app.
- Utilized Flutter's powerful UI toolkit to create an intuitive and user-friendly interface for seamless navigation.

### AI Project @Copyright - ProbGameAI :

- Secured intellectual property rights (IPR) for the project on 3/11/2023.
- Developed a stone-paper-scissors game featuring AI opponents with seamless API integration from OpenAI Playground
- Implemented innovative gaming mechanics that allow players to compete against AI opponents, enhancing user engagement and experience

### Golden Batch Recognition in Problem-Solving :

- Earned Golden Batch accolade for outstanding problem-solving capabilities during a competitive HackerRank.

## Technical Skills

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**Languages:** TypeScript, R, Dart, Python, Java, Javascript

**Technologies:** Web technology, React.js, WordPress, Django, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap, Laravel, Node.js, Flutter

**Concepts:** Operating System, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Data Structures and Algorithms