

# SARANSH SHANKAR

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## EXPERIENCE

### MERN Stack Developer Intern

**Andwemet**

📅 May 2023 – September 2023

- Developed an extensive multi-level user onboarding system, match allocation, and report generation system, serving over 10,000 registered users.
- Built over 100 reusable components and interfaces utilizing React.js and Material UI, integrated with Redux for efficient state management.
- Implemented a scalable RCM-based backend using Node.js, Express.js, and MongoDB, facilitating seamless data exchange through REST APIs.
- Optimized frontend and backend performance, eliminating unnecessary page renders and enhancing overall user experience.

### Software Developer Intern

**Epvi India**

📅 October 2022 – January 2023

- Developed a robust Landing page enabling seamless CRUD operations on User Profiles.
- Spearheaded a team of developers to implement Unit and Widget Tests, ensuring the deployment of high-quality Flutter applications at a production level.

## PROJECTS

### Sentiment Palate 🔄

**Python, FastAPI, ReactJS, Docker, Kubernetes- Machine Learning**

📅 Jul 2023 - September 2023

- Achieved 95% accuracy with an advanced NLP sentiment analysis model integrated into a FAST API backend.
- Containerized and deployed the application using Docker and Kubernetes for efficient scalability and consistent performance.
- Designed an intuitive React frontend, providing users with an engaging interface to interact with sentiment analysis results.

### Retros 🔄

**React, NodeJS, ExpressJS, MongoDB - Full Stack**

📅 April 2023 – July 2023

- An end to end full stack E-commerce website for a startup named Retros catered to both users and admins with full fledged authentication system and responsive frontend.
- Used ReactJS, Redux (for state management), MaterialUI for frontend and NodeJS, Express, MongoDB for creating a RCM based backend.
- Handled and maintained database for making API calls.

### Cosmos App 🔄

**Flutter, Dart, REST API, Firebase - Full Stack**

📅 Jul 2022 - Aug 2022

- Developed an App that displays NASA's Astronomical Picture of the Day and photos of Mars Rover.
- Integrated NASA's open APIs and Date-Time Picker package.
- Integrated Firebase and Cloud Firestore to stream continuous Mars Rover Information

## EDUCATION

Integrated B.Tech and M.Tech in Information Technology , 8.20 CGPA

**IIIT Gwalior, India**

📅 June 2021 – June 2026

CBSE-XII (AISSCE), 96.4%

JEE 2021, 99%tile

**RV PU College, Bengaluru, India**

📅 April 2020 – April 2021

## SKILLS

### Languages

Python

JavaScript

C++

SQL

Dart

### Web Development

ReactJS

Redux

Bootstrap

TailwindCSS

HTML5

MaterialUI

NodeJS

Express

Mongoose

FastAPI

### Database Systems

MySQL

Firebase

MongoDB

### Machine Learning

Tensorflow

Keras

Pandas

Scikit-learn

NumPy

Matplotlib

Docker

Kubernetes

### Android Development

Flutter

Dart

RESTful APIs

### Tools

Git

Github

Latex

Virtualization

Postman

Canva

Figma

## POSITIONS OF RESPONSIBILITIES

Core Team Head at GDSC, IIIT Gwalior

Core Member at E-Cell, IIIT Gwalior