

PARCHA V K HITESH KUMAR

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EDUCATION

MALLA REDDY INSTITUTE OF TECHNOLOGY Hyderabad, Bachelor of Technology Aug 2019 - Jul 2023
Major in Computer Science;
GPA: 7.22/10.0

SR JR COLLEGE Warangal, Intermediate Jul 2017 - Apr 2019
MARKS: 912/1000

ST PETER'S CENTRAL PUBLIC SCHOOL Warangal, CBSE Jul 2016 - Apr 2017
GPA: 10.0/10.0

WORK EXPERIENCE

THE TANN MANN GAADI – Internship India (Remote) Jan 2023 - May 2023
Mern Stack Developer

- Designing and administering the MongoDB database that stores the application's data.
- Developing the back-end of the application using Node.js and Express. This involves creating RESTful APIs that allow the front-end to interact with the database.
- Developing the front-end of the application using React. This involves creating user interfaces, handling user interactions, and rendering dynamic data.
- Integrating the back-end and front-end of the application to ensure they work together seamlessly.

RESEARCH CENTRE IMARAT (RCI) - DRDO – Internship India (Onsite) Mar 2023 - Jun 2023
Software Developer

- Participated in the "Developing Debug utilities for robot automation" project.
- The project's primary objective was to develop a Python program with an emphasis on Matplotlib data visualization.

UNIVERSITY PROJECTS & PERSONAL PROJECTS

STOCK MARKET TREND PREDICTION USING MACHINE LEARNING (Tech Stack : Python)

- Designed and implemented stock market trend application in a 3-person team using Python.
- Users can get trend predictions by uploading the stock's dataset. Using various machine learning algorithms, this application forecasts the trend.

ECOMMERCE (Tech Stack : Typescript, React, Next, Node, Express, MongoDB, TailwindCss)

- Ecommerce, a project built entirely with Typescript to ensure type safety features end-user site, admin dashboard and server. The monorepo uses a unified server architecture, the server is built with Nodejs, Express, MongoDB for data management, Jwt for authentication and authorization, Cloudinary for image data handling and Stripe to manage payments. The Server is deployed on Render.
- The Client site is developed with React, styled with Tailwind, uses Redux for state management, React query for data fetching, and is deployed to Vercel. The Admin dashboard site is currently being developed using Nextjs and Tailwind.

TECHNICAL SKILLS

- **Languages** : Javascript, Typescript, Python, HTML, CSS
- **Frameworks** : React, Next.js, Node.js, Express.js, React Native, Tailwind, Bootstrap
- **Database** : MongoDB, Firebase, Supabase
- **Tools & Technologies** : Git, Prisma, Redux, JWT

CERTIFICATIONS

- **Frontend Web Development with React Specialization** – Coursera
- **M001: MongoDB Basics** – MongoDB University
- **Exploratory data analysis for Machine Learning** – Coursera

ADDITIONAL

- **Portfolio:** <https://portfolio-hiteshk369.vercel.app/>
- I am learning Microservices with React, Node, Docker and Kubernetes.