

K SIDDESHWAR REDDY

Full Stack Web & Mobile Developer

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Professional Experience

VECTORSOFT

Junior Developer

Aug 2024 - present

Developing a scalable Healthcare Mobile/web applications with AWS and latest web technologies using FHIR format data.

- **AWS DynamoDB & HealthLake API & FHIR API Data**
Formats: Experience with cloud-based databases and healthcare data integration. Proficient in handling healthcare data formats.
- **Flutter & React-Native:** Developed AI claude 3.5 and Zoom.us ☑ integrated mobile apps independently within the company.
- **Next & React:** Expertise in server-side rendering and building responsive and interactive UIs.
- **TypeScript (TS) & JavaScript (JS):** Strong in building scalable, type-safe applications.

TRIPBUILDER

Fullstack Developer Intern

May 2024 - July 2024

Developed a React video campaign app with carousels, popups, grid layouts, and full-screen mode.

- **Cross-Platform Compatibility :** Ensured the application was fully functional on desktop web browsers and mobile devices.
- **API Fetching :** Seamlessly fetched data for integration and client requirements.
- **CORS Implementation :** Configured Cross-Origin Resource Sharing for secure and controlled access, ensuring smooth integration and data sharing

RCI - Research Centre Imarat

Machine Learning Intern

Oct 2022 - Jan 2023

Worked with the state-of-the-art YOLOv7 algorithm to develop a cuttingedge 01/2023 image segmentation model.

- **Model Training :** Utilized Google Colab for efficient model training and experimentation.
- **Data Processing :** Employed NumPy and pandas for data preprocessing and analysis.
- **Dataset Management :** Used Roboflow for dataset augmentation and management, enhancing the model's performance.

Education

Vidya Jyothi Institute Of Technology

B-Tech in Computer Science and Engineering

2020 - 2024

GPA : 7.8

Narayana Junior College

Intermediate (MPC)

2018 - 2020

Kendriya Vidyalaya No. 2

Grade 10

2018

Skills

Languages : Dart, Java Script, Type Script, Java

Mobile dev: React Native, Flutter, Android studio.

Web Technologies : HTML, Tailwind, React.js, Redux Toolkit, Next.js, Express.js, Node.js

Databases : SQL, MongoDB, AWS

Cloud : AWS DynamoDB, AWS HealthLake, FHIR

Other Skills : Git, Data Structures and Algorithms, Machine Learning Algorithms, Software Development Life Cycle.

Soft Skills : Problem Solving, Adept Learner, Effective communication, Team synergy, Time Management.

Projects

CuisineHub

- CuisineHub is a comprehensive full-stack platform where users can register, login, search recipes, view detailed recipe information, and bookmark their favorites.
- Powered by React, Express, Node.js, MongoDB, JWT, and Zod, it provides seamless authentication and validation.

ShapeSync

[React.js, Express, MongoDB, Node.js, API]

- Developed a Workout Planner application with MERN stack, featuring user registration, custom routine and meal creation.
- Utilized react-router-dom for frontend routing and implemented MongoDB backend with Mongoose for CRUD operations.

BlogApp

- A feature-rich blogging app built using the MERN stack. It can manage and publish content with its CRUD functionalities. Build using the MongoDB, Express.js, React, and Node.js (MERN).

Certificates

- Full Stack development, By cohort 2.0
- Data Structures and Algorithms, By Coursera
- Oracle Certified MySQL.

Languages

English | Hindi | Telugu