

CHEERKA SRIKAR REDDY

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PERSONAL PROFILE

A Curious and self-motivated Full Stack Developer with 2.5+ years of experience in designing and implementing real-world solutions, specializing in mobile app and web development for low latency, high availability, and high-performance applications. Skilled in ideating, designing, building, and deploying over 10+ projects, and enjoys working in team environments.

EXPERIENCES

RELIANCE JIO (JUN'2022 - PRESENT)

Role - Software Developer

Project - People First v2 (Internal HR Platform Revamp)

as Module lead, Mentor (Team Size -18)

An all-in-one HR platform for Reliance Industries (including Retail, Hydrocarbons, JIO), using microfront-end technology with Module Federation. It's containerized to optimize various employee needs like travel, payroll, leave management, approvals, reimbursements, self-service, and more.

Tech used - Angular 16, React, Redux, TypeScript, NodeJS, Express, Kubernetes, Docker, Jenkins, Module Federation - Web Architecture, Sonarqube.

Role - Graduate Engineering Trainee

Project - Sustainability First (BRSR Report)

as Member (Team Size -10)

An internal tool used by Reliance subsidiaries to manage and aggregate sustainable goals. It helps track key metrics like stock performance, employee count, gender representation, and environmental risks. Subsidiaries input quarterly data, which Organizational managers review and finalise before being sent to SEBI at the end of the financial year. The tool ensures transparency and stakeholder interests are addressed.

Tech used - Angular JS, html, Nodejs, Express, Sonarqube, jenkins in Microfront end Architecture.

Project - People First v1 (Hr platform) - Android & IOS

as Member (Team Size -15)

A Flutter-based mobile app using GetX architecture that meets all employees' HR needs. It includes modules for benefits, travel, guesthouse bookings, payroll, and approvals, making it easy for employees to access necessary resources. The app also provides push notifications for attendance reminders and updates on organizational news.

Tech used - Flutter, Dart, NodeJS, Express.

SKILLS AND ABILITIES

Front End Programming

- React
- Angular
- Flutter
- HTML / CSS / JS
- Redux
- Flask
- ThreeJS

Back End Programming

- NodeJS
- MongoDB
- Express
- Redis
- MYSQL
- Firebase
- Web Sockets
- Nginx

Programming languages

- TypeScript
- JavaScript
- Dart
- Python
- Java
- C
- C++
- Data Structures & Algorithms

Developer Tools

- Docker
- Digital Ocean
- Git & Github
- Github Actions
- Figma
- Adobe xd
- Jenkins
- Vercel

ACADEMIC PROFILE

Sreenidhi Institute of Science and Technology (JNTUH)

Information Technology(B.Tech) CGPA: 7.19 (2020)

ACHEIVEMENTS

- Research Paper Published on Scopus journal by Research Gate @DOI
- GRE - 323/340
- IETLS - 7.5/9
- 2100 elo in chess.com (Personal Best)
- Being part of multiple hackathons
- Organized events, implemented robotics projects, and conducted training sessions on robotic components in the college Robotics Club.

CERTIFICATIONS

- Developing Backend apps with node.js and express (IBM) - Coursera
- React - The Complete Guide (incl. Next.js, Redux) - Udemy
- Flutter & Dart - The Complete Guide - Udemy
- Angular - Udemy
- AWS Associate Developer - Udemy
- Git and GitHub - LinkedIn Learning
- Agile Development - LinkedIn learning



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PROJECTS

MedSync Care - A Comprehensive Medical Tracker [LINK](#)

MedSync Care is a comprehensive healthcare management platform designed to assist caretakers, patients, and healthcare professionals in managing and tracking medication schedules, prescriptions, and medical reports. The platform ensures timely medication for patients and enables efficient care coordination, making it ideal for families with multiple caretakers and professional caregivers managing multiple patients.

Key features - Medication Tracker, Multi-Caretaker Access, Medical Reports Archive, Emergency Alerts.

Tech used - Next.js, Node.js, MongoDB, Docker, Vercel

Tactile Code Predictor using SVM and KNN Algorithm

Developed tactile code recognition models using SVM and KNN, leveraging Kaggle datasets and real-life tactile images to train the system. The project aimed to enhance communication and support visually impaired employment by enabling sign interpretation for individuals not trained in American Sign Language (ASL).

Tech used - Python, Tensorflow, MongoDB, Keras, SciKitLab, OpenCV, Matplot-Lib, Pandas

Cloud Compiler (python) - Cloud Based Compiler

Developed and deployed Cloud Compiler, a cloud-based Python interpreter accessible via a web platform, enabling users to run Python code from any location.

Tech used - Python, Flask, Heroku, Ajax, HTML, Bootstrap

Librarymanage - DBMS based portal

A database-driven portal that allows students to register for books and manage their borrowing needs efficiently.

Tech used - Python, Django, MySQL, Java Script, HTML, SCSS.

Sentimental Analysis using Logistic Regression

Conducted sentiment analysis of text using logistic regression to interpret the writer's emotions based on individual words in statements or paragraphs. Utilized word clustering from a dictionary for model training, with findings published in IJERA.

Tech used - Python, Tensorflow, SK-Learn, Keras, Matplot-Lib, Pandas

SEO Implementation

Implementation of key words for increasing website traction

Tech used - Rendora

B-Wealthy (Android & IOS)

Developed an Android application to track users' assets and liabilities, offering insights and recommendations for saving strategies to achieve financial stability.

Tech used - Flutter, Dart, Firebase, GetX Architecture

Smart Phone Manufacturer System

Engineered an Android and web application that delivers comprehensive data on mobile phones, including manufacturing year, model, seller information, features, and manufacturer specifications.

Tech used - Flutter, Dart, Node.js, Express, GetX Architecture