SUDEEP MANASALI

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Education

JSS Science And Technology University, Mysore 2018 - 2022
Bachelor of Engineering (BE) Computer Science Engineering | CGPA 8.45 / 10

Skills

JavaScript | Type Script | Angular 15 | React JS | HTML5 | CSS | SCSS | Node JS | Jasmine | My sql | Mongo DB | Docker |Web pack |Vite | Git | Selenium | Web sockets | Docker compose | Redis | **System Designing | AWS**

Professional Experience

1. *Senior Software Engineer / Idemia, Bengaluru* March 2025 - Present

   Project: Mugshot Capture (ReactJS, Jotai, React Query, AWS, Node and TypeScript)

   1. Designed and developed the frontend application from scratch using ReactJS and Jotai.
   2. Created **Low-Level Designs (LLD)** for features and user stories, ensuring technical alignment and clarity.
   3. Implemented backend integration to save and retrieve JSON data from AWS S3.
   4. Integrated AWS SDK for automated deployment of the React application to S3 buckets.
   5. Configured and integrated AWS Cognito for secure user authentication within the frontend application.
   6. Implemented few AWS lambda function to support CRUD functionalities
   7. Leading a team of four developers and driving some major UI activities around the system.

2. *Digital Specialist Engineer | **Infosys Limited,** Mysore* Aug 2022 - Feb 2025

   Project : Next Generation Terminal Operating System (Angular)**, Flex UI** (Angular, Electron Desktop app)

   a. Created **Low-Level Designs (LLD)** for features and user stories, ensuring technical alignment and clarity.
   b. Implemented responsive web designs to create user friendly interfaces that adapt seamlessly to various devices from closely following the prototypes from **Figma**.
   c. Worked with team to **implement OTA updates** in desktop application.
   d. Developed and Integrated an global **OnScreen keyboard module** using **Angular** to get user input.
   e. Incorporated and leveraged **WebSockets** and **Kafka** for **real-time** data transmission.
   f. Implemented **PWA manifest** so that static assets can be cached in the browser. And also user can download this web app and run as a local desktop app.
   g. Worked with team to Implement a file router paths in **Node JS** to handle **file uploads, deletions, and downloads using** npm tus/server library.
   h. Successfully upgraded and migrated the application through multiple **angular version 13 to 15** ensuring compatibility and improved performance.
   i. Implemented comprehensive unit testing using **Jasmine.** Developed **UI automation scripts in selenium** to streamline repetitive tasks. Implemented **Rest api's** in **spring boot micro services**.
   j. Used **GIT** for version control and **Gitlab** for CI/CD pipelines.
   k. **Led the Production Support team**, utilizing **Kibana** and **Elasticsearch** to analyze logs and identify the root cause of issues. I effectively communicated with clients, **resolved tickets**, and implemented solutions to resolve the problems

3. *Full Stack developer Intern | **Daffodil Health,** Remote* March 2022 – May 2022

   Project : Pro App and Parent app

   a. Developed software applications and updated the legacy systems with **React, Bootstrap, HTML, CSS**

Personal Projects

1. ***Contract App** - MERN | Typescript | Redis | Docker & Docker compose | Jest |* Github

   - The application supports uploading CSV files with up to 500,000 entries, validating data to prevent duplicates and flagging invalid entries without crashing. It ensures smooth processing by handling large uploads and malformed inputs gracefully, displaying results in ui. Implemented infinte scrolling in react ui to display data.

2. ***LazyShoppingDeals*** *- Google Chrome extension | Typescript | Jquery | webpack | DOM | NPM | Github*
   - It is chrome extension when user is in cart page with some products, this extensioon gets activated automatically applies the best coupon during checkout to maximize savings for users shopping online.

3. ***Google form Clone*** *- MERN | Typescript | Live | Github*
   - Survey form tool that allows users to design, share and collect real-time responses, similar to Google Forms.

Certifications

Infosys certified Angular Professional, React JS professional, Spring Micro services developer, Mongo DB Developer

Awards and Achievements

- **SHINNING STAR AWARD Dec** 2025,
- **INSTA RISE AWARD** May 2023, March 2024, **Gracias Rising star award -** Dec 2024 -- Infosys,
- My team won **YI INNOV INDIA** Hackathon – 2020 (Young Indians, Mysore chapter)