

Rahul Mamoria

Software Engineer

Summary

Dedicated Software development with a passion for crafting engaging and intuitive user interfaces. Proficient in front-end technologies, including HTML, CSS, and JavaScript. Committed to learning and implementing industry best practices for a seamless user experience.

Technical skills

- Programming languages: C/C++, Javascript, Python (Basics)
- Platforms: Mac OS, Windows,
- Web Development : HTML, CSS, React, Node.js
- Databases: MySQL, MongoDB
- CS Subjects : OOPS
- Problem Solving: Data Structures and Algorithms

Education and Certificates

- 2019-2023, National Institute of Technology, Calicut, Civil Engineering, CGPA- **7.49**
- 2017-2018, Maharaja Surajmal Sr. Sec. School, Jaipur, 12th Class, Grade - **83.60 %**
- 2015-2016, Govt. Sr. Sec. School, Jaipur, 10th Class, **90.83 %**
- 2023, Javascript Certification from Udemy.
- 2023, React certification

EXPERIENCE

Flyzy IT Servicing and consulting, Software Engineer Intern

Remote

June/2023 – August/2023

Worked as a backend developer - intern at Flyzy, includes creating, maintaining, testing, and debugging the back end of an application or system. This includes the core application logic, databases, data and application integration, API, and other processes taking place behind the scenes

Responsibilities:

- Contributing to a real life project.
- Writing script for implementing the features.
- Managing, testing and debugging the backend of the application.

Technologies: MongoDB, MongoDB Atlas, API

Grid Dynamics, Software Engineer Intern

Hyderabad, India

Sep/2023 – March/2024

YouTube Clone Using YouTube API-

- Implemented a YouTube clone utilizing the YouTube API, enhancing my understanding of API integration.
- Designed and developed the user interface with HTML and CSS, ensuring a responsive and visually appealing layout.
- Gained valuable insights into front-end development, including UI design principles and modern web development technologies.

Figma Designs to HTML/CSS/Javascript/React.js Conversion-

- Transformed Figma designs into interactive web pages, showcasing proficiency in turning concepts into tangible user interfaces.
- Utilized React.js to ensure pixel-perfect implementation of design elements and responsiveness across various devices.

Software Unit testing

- Developed a unit test generator for Java and Python using LLM (Language Model) based approach.
- Utilized React and JavaScript for the user interface (UI) of the project.
- Successfully addressed the challenge of codebase size limitations in the unit testing process.
- Provided a clear understanding of variables created at execution time for more effective unit testing.
- Implemented the solution as part of an internship Capstone project, demonstrating practical application and real-world relevance.

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

Member of Animal Welfare Club - NIT Calicut

A NITC Animal welfare club refers to the state of the animal, the treatment that an animal receives is covered by other terms such as animal care, animal husbandry, and humane treatment.