Surya Satya Kommanapalli

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Education

Welfare Institute of Science and Technology Management

Visakhapatnam, Andhra PradeshB-Tech, In Mechanical Engineering **– 72.90%**   2017 - 2021

Bhehara Subakar Polytechnic

Visakhapatnam, Andhra PradeshDiploma, In Mechanical Engineering- **71.97%**   2013 - 2016

ZPHSchool PS Peta

Visakhapatnam, Andhra Pradesh

Board of Secondary Education **– 83%**   2012-2013

Skills

Front End: HTML, CSS, SASS, Bootstrap, JavaScript, React.js, hooks, Redux, React toolkit

Back End: Python, Express, Node.js, Rest API.

Databases: SQLite, MongoDB*.

Deployments: Netlify, Firebase.

(* yet to be learning)

Certifications

NxtWave Disruptive Technologies

Continuous Capacity Building Program Intensive Bootcamp Trainee   March-2021

- Developed a keen understanding of the fundamentals of programming with Python.   -Python

- Able to build impressive dynamic and interactive web applications using JavaScript.   -JavaScript

- Able to build a backend web application using Express, one of the most popular and mature JavaScript web development frameworks.   -NodeJS

- Developed a strong foundation and proficiency in concepts related to databases and DBMS. Able to perform powerful queries on databases using SQL.   -SQL

- Able to build dynamic web applications with the React JS library. Developed by creating a modern, clean, and maintainable application in React JS from scratch, using concepts like state and props, routing, and conditional rendering.   -ReactJS

- Strong problem-solving skills and an ability to work in a fast-paced environment.

Interested Job Roles

- Frontend Developer
- React Developer
- Full Stack Developer
- Backend Developer

Projects

JavaScript Projects

- **Wiki Search Application** (suryawekipedia.ccbp.tech) (Github)
- **Countries Search** (suryacoutrypopu.ccbp.tech) (Github)
- **Food Munch Application** (suryasatya.ccbp.tech) (GitHub)

- Developed web applications/websites using a combination of HTML, CSS, and JavaScript.
- Utilized REST API calls to fetch and display external data.
- Achieved responsive design to ensure usability on various devices.
- Employed Bootstrap components and classes for improved styling and layout.
- Implemented user interactions and dynamic content loading using JavaScript event listeners.
- Ensured a user-friendly experience with features like opening external links in new tabs and search functionality.
- Focused on clean and structured HTML code with appropriate semantic elements.

React Projects

- **Movies App** (https://suryamoviesapp.ccbp.tech) (GitHub)   June-2023

- Fetching Data: The app retrieved data from an internal server, allowing users to access a wide
  range ofmovie information within the app.
- Class Components and Lifecycle Methods: I utilized class components and leveraged lifecycle methods like componentDidMount to efficiently handle data fetching and manipulation processes.
- Routing Concepts: To enhance user navigation, I implemented routing concepts, creating separate pagessuch as the home page, movie details page, and login page. This ensured a seamless transition between different sections of the app.
- Authentication and Authorization: I incorporated authentication and authorization functionalities, requiring users to log in with valid credentials. This ensured that only authorized individuals couldaccess certain features or pages within the app.
- Responsive Design: The app was designed to be responsive, adapting smoothly to different screen sizesand devices. This provided an optimal viewing experience for users accessing the app from desktops, tablets, or mobile phones.
- **Technologies used:** React**,** JavaScript HTML, CSS, REST API Calls

- **Movix App** (https://movix-app-e1f6b.web.app)   (GitHub)   Aug-2023

- Fetching Data: The app retrieved data from an internal server, allowing users to access a wide
  range ofmovie information within the app.
- Routing Concepts: To enhance user navigation, I implemented routing concepts, creating separate pagessuch as the home page, movie details page, and login page. This ensured a seamless transition between different sections of the app.
- Authentication and Authorization: I incorporated authentication and authorization functionalities, requiring users to log in with valid credentials. This ensured that only authorized individuals couldaccess certain features or pages within the app.
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> **Portfolio App** (https://myportfolio-dbf4b.web.app**)** (GitHub)   Aug-2023

- This is my portfolio website developed with React.
- In this application I am showcasing my my projects and my contact information.
- Technologies used: React**,** JavaScript, SASS, REST API Calls, Jamail, reacticons.

> **GreenLightRedLight Game** (https://react-hosting-30a94.web.app)   (GitHub)   Sep-2023

- Successfully created a captivating and functional game inspired by a popular TV series.
- Demonstrated proficiency in frontend technologies like React.js, JavaScript, HTML, and CSS.
- Implemented complex features such as user authentication and global state management.
- **Technologies Used:** React.js, JavaScript, HTML, CSS, React Redux, Local Storage, Cookies, React Router
- Replicated the Red Light, Green Light gameplay with interactive elements.
- Recorded and displayed user scores.
- Stored user data locally for a seamless gaming experience.
- Utilized Redux for global state management.
- **Technologies used:** React**,** JavaScript, HTML, CSS, REST API Calls.

Experience

VIRTUSA CONSULTING SERVICES PRIVATE LIMITED, Navallur, Chennai
Associate Engineer   March 2022 – December 2022

- I got domain as Tester.
- I received training in both Manual and Automation Testing
- I was Trained on Selenium with Java Technologies.
- I learned about Development life cycle and agile methodologies.
- I faced a job transition due to company restructuring resulting in a reduced workload. Your support and consideration are highly appreciated.