GIDUTURI SHYAM SUNDARA RAO

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EDUCATION

Indian Institute of Technology(IIT) Patna	Patna, India
*(B.Tech. in Metallurgical and Materials Engineering. **CPI: 7.95**)*	*July 2020 - May 2024*
Sri Chaitanya Junior College	Visakhapatnam, India
*Intermediate Public Examination conducted by BIEAP **Percentage: 95.8**%)*	*Apr 2018 - Mar 2020*

EXPERIENCE

Tinkers Innovation Centre Labs　　　　　　　　　　　　　　　　　　　　　IIT Patna
Front-end Developer　　　　　　　　　　　　　　　　　　　　　　*May 2023 - August 2023*

- Used JWT to add server side user authentication feature.
- Used ReactJs to create functional user authentication UI and create user model for registration and signup.
- **Tech Stack**: Nodejs, ReactJs, Jwt authentication

PROJECTS

- **E - COMMERCE WEBSITE**　　　　　　　　　　　　　　　　　　　　　　**Link**
  JavaScript, ReactJs, Firebase
  - Developed a full-stack single-page e-commerce application using **ReactJs**, encompassing various e-commerce functionalities.
  - Designed and implemented key features, including user authentication, secure payment processing, and database management.
  - Leveraged **Firebase** for seamless integration of authentication, real-time database capabilities, cloud functions, and web hosting within the project.

- **EPIDEMIC MONITORING TOOL**　　　　　　　　　　　　　　　　　　　**Link**
  Html, Css, Js, ReactJS, Material UI
  - Developed an epidemic monitoring tool using HTML, CSS, JavaScript, ReactJs, Material UI, ChartJs to track and monitor the spread of Covid 19.
  - Implemented real-time data visualization to identify hotspots and take action accordingly.
  - Created and integrated features like mapping confirmed cases and forecasting to aid in decision-making for the public.

SKILLS/RELEVANT COURSEWORK

- **Programming/Development Languages:** C/C++, Python, HTML5, CSS, JavaScript,SQL
- **Technologies/Framework/Libraries :** ReactJS, NodeJs, Redux, jQuery, Context API, BootStrap, Material UI
- **Core Courses:** Data Structures and Algorithms, Introduction to data science
- **CS Fundamentals** : Object Oriented Programming, Data Base Management System, Operating System, Computer Networks
- **Familiar Tools** : Git, MYSQL, Github, VS Code

ACCOMPLISHMENTS/EXTRA-CURRICULAR ACTIVITIES

- Solved over **800** problems on various programming platforms on LeetCode, GeeksforGeeks, Codeforces.
- Rated 1857 on **LeetCode** and 1312 on **Codeforces**.
- Ranked 550 in LeetCode Weekly Contest 308.
- Rated 1877 in on Codeforces round 798.
- Led the **IIT Patna Cricket team** to the **55th Inter IIT Sports Meet 2022.**
- Served as a mentor for the **Student Mentorship Program** at **IIT Patna**.