


SATYAM KUMAR

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SUMMARY:

Results-oriented and highly skilled Software Developer with a strong background in full-stack development. Proficient in various programming languages and frameworks, including JavaScript, React.js, Node.js, and Express.js. Proven track record of designing and implementing scalable and efficient code.

TECHNICAL SKILLS

- **Languages:** C Programming, Java, OOPS, Concepts & DSA.
- **Frontend:** JavaScript, React.js, Redux, HTML5, CSS, Bootstrap.
- **Backend:** Node.js, Express.js.
- **Database:** MongoDB
- **Version Control:** Git

PROJECTS

Real Estate Allocation (2022 - 2023)

- Main aim of this application is to help users find the best area to live by considering a number of key factors that are important to them. Users can input their salary and desired cost of living, as well as the importance they place on factors such as distance to school, distance to work and distance to traffic.
- Used Python programming, NumPy library, integrated generative modeling, data preprocessing, algorithm design, portfolio optimization, interdisciplinary collaboration.
- Integrated generative modeling, predictive analytics, risk assessment, portfolio optimization, market research, strategic planning.
- Significantly minimized downside risks by 35% by leveraging generative insights to dynamically adjust asset allocations within the real estate portfolio.

E Commerce Platform (2023 – 2024)

- Employed caching techniques to enhance backend performance, resulting in faster response times and improved user experience. Implemented code splitting and lazy loading techniques to optimize frontend loading times, ensuring efficient resource utilization and enhancing overall performance.
- Implemented debouncing mechanisms to manage user input effectively, preventing unnecessary API calls and improving the responsiveness of user interfaces. Integrated Redux Toolkit to efficiently manage application state, simplifying complex state logic and promoting scalable and maintainable code architecture.

Construction Management System

- Designed to make such kind of software which is very easy to use. Through this the details of the construction material that visit in the construction site can be retrieved if necessary. All the records of the construction material will be kept for further enquiries.
- Implemented and enhanced Contr_REG, Worker_login, and Supervisor_login functionalities, resulting in a seamless and secure authentication process.
- Worked on PHP and Xampp for the backend functionality and HTML/CSS was used for the frontend design.
- Used MySQL for handling and managing construction related data.

AWARDS AND ACHIVEMENT

- Real Estate Allocation - (May 2023)
Received the certificate of publication from the The Board of IJARIIE in Education for publishing my paper.

EDUCATION

- **2023:** BE (Computer Science Engineering) from AMC Engineering College (VTU) with 7.53 CGPA, Bangalore.
- **2019:** 12th from Paramount Academy with 62%, Muzaffarpur, Bihar.
- **2015:** 10th from St.Xavier's Jr/Sr School with 10.00 CGPA Muzaffarpur, Bihar.

PERSONAL DETAILS

- **Date of Birth:** 28th Jun 1999
- **Languages Known:** English & Hindi