**SANDEEP KUMAR GUPTA**

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**PROFESSIONAL SUMMARY**

**Certified Associate Engineer-Product Development** with 1 year of experience in **MongoDB, Express.js, React.js, and Node.js**, backed by strong programming skills in **JavaScript, Python & API design**. Implemented Redux for efficient state management, reducing application **size by 25%**. **Expertise in React JS and NodeJS, driving 15% improvement in development productivity**. Strong communicator with a track record of meeting project goals and exceeding client expectations. Successfully delivered projects like i Notebook,News,YouTube\_Clone leveraging the power of the MERN stack to streamline processes, enhance efficiency, and improve customer experiences. **Ready to contribute to your organization's success and drive impactful solutions**

**SKILLS AND ACCOMPLISHMENTS**

* **MERN Stack Development**: MongoDB | Express.js | React.js | Node.js
* **Programming Languages:** JavaScript | Python
* **Front end Development:** React JS | HTML5 | CSS3 | Bootstrap | jQuery | Redux | ES6
* **Back end Development:** Node.js | Express.js | API design | Data Structures | Data Algorithms
* **Databases:** MySQL | MongoDB
* **Version Control & Collaboration:** Git | GitHub
* **Web Design & Development:** Web Designing | Web Development | REST API | JSON | HTTP
* **Deployment:** AWS
* **Problem-Solving**
* **Communication**
* Mentored & assisted 5 members front end team on React.js application building, highlighting strong problem-solving skills and technical expertise.
* Received Bug Hunter award for closing the highest number of bugs in a 3-day bug bash, resulting in a 5-STAR customer rating.

**WORK EXPERIENCE**

**ASSOCIATE ENGINEER-PRODUCT DEVELOPMENT | HARMAN CONNECTED SERVICES,PUNE (03/2022) – (04/2023)**

**Project1 | I Notebook, itself**, Mumbai (06/2022) – (07/2024)

**Tech:** MongoDB | Express.js | React.js | Node.js | Mongoose | Axios | Redux | JWT | Passport.js | Babel | Nodemon.   
Building a project called "i Notebook" using the MERN stack (MongoDB, Express.js, React.js, Node.js) sounds like a great idea! The MERN stack is a popular choice for developing full-stack web applications. Here's a high-level overview of the steps you can follow to create your i Notebook project:

**Responsibility:**

Back end development (Node.js & Express.js):

* Initialize a new Node.js project.
* Set up Express.js for handling routes and HTTP requests.
* Define the required API endpoints for your i Notebook application, such as creating, retrieving, updating, and deleting notes.

Front end development (React.js):

* Set up a new React.js project inside your project directory.
* Create the necessary components for your i Notebook application, such as Note-list, Note-form, etc.
* Implement the logic for fetching and displaying notes from the back end API.

Connect the front end and back end:

* Make HTTP requests from your React components to the back end API endpoints using a suitable package (e.g., Axios).

**Project2 | YouTube\_Clone**, itself, Mumbai (08/2022) – (09/2022)

Building a YouTube clone using React is a popular project that can help you learn and practice front-end development skills. Here's an outline of the steps you can follow to create your YouTube clone project using React:

**Responsibilities:**

Project setup:

* + Initialize a new React project using Create React App or another similar tool.
  + Set up the project structure and organize the files and folders.

UI components:

* + Identify the key components of the YouTube interface, such as the search bar, video player, video list, and video item.
  + Create reusable React components for each of these UI elements.
  + Style the components using CSS or a CSS framework like Bootstrap or Material UI.

YouTube API integration:

* + Sign up for a YouTube Data API key from the Google Developers Console.
  + Use a package like **axios** to make HTTP requests to the YouTube Data API endpoints.
  + Implement the logic to fetch videos based on search queries and display them in the video list component.

**EDUCATION**

**B.Tech (Bachelor of Technology) in Computer Science Graduation Year (2022)**

Uttar Pradesh University, UTTAR PRADESH

**CERTIFICATIONS**

* Python for machine learning
* Html5,css3,javascript
* React.js