SUDARSHAN PATIL

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Skills

Decipher | Confirmit | React | Node.js | Express.js | MongoDB | JavaScript | HTML5 | CSS3 | Bootstrap | Tailwind | Git | GitHub | Java | GSAP | Locomotive | ECMAScript | AJAX | Redux | MySQL | SASS | AngularJS | Thunder-Clint | Python | C | Material-UI

Work Experience

Course5 Intelligence | Jr. Survey Programmer | Front End Developer   **May 22 – Dec 23**

- **Web Technologies Development**: Led the development and implementation of over 48+ user-friendly web surveys using HTML, CSS, JavaScript, and Python. Ensured seamless user experience and accurate data collection. Contributed to the development of an additional 150+ web surveys.
- **Efficiency Improvements**: Streamlined the survey scripting process, reducing overall project delivery time and consistently meeting client deadlines.
- **Cross Functional Collaboration**: Worked effectively with management and clients to clarify requirements, achieving 95% project satisfaction scores.
- **Quality Assurance**: Maintained high code quality through thorough QA processes, reducing errors by 99% and guaranteeing accurate data interpretation.
- **Client Adaptability**: Successfully adapted to client feedback, implementing necessary changes post-survey reviews.
- **Data Management**: Managed data handling processes post-survey launch, ensuring data integrity and accessibility.
- **Collaborate**: Worked closely with the QA team to ensure all surveys met quality standards and functioned correctly.
  Tech Stack: Decipher, Confirmit, XML, HTML, CSS, jQuery, JavaScript, Python, Turtle Tool, Excel
  Soft Skills: Communication skills(Oral & written), Teamwork, Problem-solving, Collaboration, analytics

Education

R. C. Patel Institute of Technology, University of Lonere (DBATU), India   **2017 - 2021**

- B.Tech In Electronics & Telecommunication   **CGPA**: 7.67

Projects

Trading Application (Zerodha) | Full Stack Developer | Link

- Developed a comprehensive trading application backend similar to Zerodha, focusing on a frontend and backend implementation with user management and real-time trading features.

Key Features:

- **User Authentication**: Implemented secure registration and login with JWT for user authentication and session management.
- **Trading Functionality**: Enabled users to manage holdings, view positions, maintain a watch list, and perform buy/sell transactions.
- **Real-Time Data**: Integrated APIs for real-time trading data and used Graf.js for data visualization.
- **Responsive Design**: Ensured the application was fully responsive and compatible across various devices.
- **JSON**: Utilized JSON for efficient data interchange between the server and client.
  Tech Stack: React.js, Node.js, Express.js, MongoDB, Bootstrap, Material-UI, JavaScript, HTML, CSS, Thunder-Client

Sp.Dev Portfolio Website | Web Developer | Link

- Designed and developed a modern, responsive portfolio website to effectively showcase professional skills and projects. The site features a visually appealing and user-friendly interface with advanced animations and smooth scrolling.

Key Features:

- **Responsive Design**: Used React and Tailwind CSS for a mobile-friendly layout.
- **Smooth Scrolling & Animations**: Implemented Locomotive Scroll and GSAP for a seamless, interactive experience.
- **High Performance:** Reduced development time by 30% and achieved 99.9% uptime on GitHub Pages.
  Tech Stack: ReactJs, JavaScript, Tailwind CSS, Locomotive, GSAP

Tech-News Website | Web Developer | Link

- Created a Tech-News website using ReactJS, Bootstrap, and the News API, providing real-time updates across various sectors, enhancing user engagement by 50%, and achieving 99.9% uptime on a GitHub Pages.
  Tech Stack: React.Js, Bootstrap, javascript, Vanilla CSS, HTML, REST APIs

Design Patents

Soil Analyzer Machine: Designed an innovative, state-of-the-art Soil Analyzer Machine, showcasing IoT proficiency, delivering precise soil metrics accessible via mobile devices with a built-in display, ensuring 100% accuracy.

Terrain Finding Drone: Engineered a unique innovation, the Terrain Finding Drone for measuring hill heights during flight, using IoT for data transmission and graphical representation, enhancing topographical data collection by 50%.