SAPNA KUMARI PANDEY

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Technical Skills

Languages: HTML5/CSS3, JavaScript, JQuery, Python
Web Design: Bootstrap, Material-UI, SASS, Figma
Tools/Technologies: VS Code, Docker, GitHub
Frameworks/Libraries: Angular, React, Node.js, Express.js, Next.js
Databases: MySQL, MongoDB

Experience

Digitele Networks   **April 2022 – May 2023**
Angular Developer   *Hyderabad, India*

- Developed responsive and visually engaging web applications using Angular, improving user engagement by 25%.
- Streamlined Git version control processes, reducing merge conflicts by 40% for a team of 10 developers.
- Implemented adaptive design, improving user experience across devices, resulting in a 20% reduction in bounce rates.
- Collaborated with UX and backend teams to seamlessly integrate server-side logic, reducing integration issues by 20%.
- Delivered high-quality solutions on time, maintaining a 95% client satisfaction rate.

Tutedude   **Sep 2023 – Sep 2024**
Full Stack Developer Intern

- **Food Ordering Platform**: Created a dynamic food ordering website using advanced web technologies, enabling users to browse menus, add items to carts, and place orders seamlessly.
- **Weather API Application**: Developed a weather forecasting application that fetches real-time weather data using a public API, providing location-specific weather reports.
- **React.js Keeper App**: Developed a note-taking app using React.js, mimicking Google Keep functionality, with dynamic note creation, deletion, and persistent storage features.

Projects

Security Management System | *Angular, Bootstrap, RESTful APIs, AGM, ngx-charts*   **January 2023**

- Restructured a dashboard that improved monitoring efficiency for visitors, vehicles, and tree-cutting activities, leading to a 30% reduction in manual tracking efforts.
- Integrated ngx-charts for real-time data visualization, enhancing decision-making with a 25% improvement in data interpretation speed.
- Utilized Angular Google Maps for accurate mapping of solar, wind, and hydro plants, improving spatial awareness and operational planning by 20%.
- Generated an integrated database for authorized vehicles and visitors, enhancing security management and reducing unauthorized access incidents by 40%.
- Established virtual boundaries and alerts, reducing security breaches by 35%.

Inventory Management System | *Angular, HTML, CSS, TypeScript, Rxjs*   **April 2022**

- Streamlined product flow between vendors and the organization, improving overall material handling efficiency by 25%.
- Established capabilities for PDF invoice generation, quantity and tax calculations, and comprehensive goods management reporting, reducing errors by 20%.
- Created web components and responsive designs, ensuring a 30% improvement in user experience and accessibility across devices.
- Leveraged Angular's advanced features to enhance system functionality, resulting in a 40% increase in operational accuracy and efficiency.
- Improved inventory reporting, which led to a 15% reduction in processing time for reports and a 10% decrease in inventory discrepancies.

Leadership / Extracurricular

- Volunteering: Coding Tutor - Taught HTML and CSS fundamentals to new learners (June 2023 – July 2024)
- InnowahPALS Finalist: 2020
- Winning Team of SMART INDIA HACKATHON: 2019
- State Level Javelin Throw: 2017

Education

Anna University   **August 2017 – May 2021**
Bachelor of Engineering in Electronics & Communication Engineering   *Coimbatore, Tamil Nadu*