Penukula Vinay Kumar

Personal Details:

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Objective:

A recent Civil Engineering graduate with experience in sustainable construction and web development. Seeking to leverage technical and leadership skills in a dynamic software development role to contribute to organizational growth._

Education:

Course / Degree	School / University	Grade / Score	Year
Btech in Civil Engineering	Kommuri Pratap Reddy Institute Of Technology (Autonomous Institute)	6.9	2023
Diploma in Civil Engineering	Pallavi Engineering College	7.5	2020
Secondary School of Education	Pragathi Vidyalaya High School	9.2	2017

Skills:

- **Programming Skills:**
  - **HTML:** Forms, tables, media elements, APIs.
  - **CSS:** Responsive designs using Flexbox and CSS Grid Layout.
  - **JavaScript:** Form validations, ES6 syntax, arrow functions, DOM manipulation, core JavaScript concepts.
  - **Bootstrap:** Creating responsive, mobile-first web designs.
  - **React JS:** Functional components, JSX, Virtual DOM, RESTful APIs, managing side effects with Redux.
- **Leadership Skills** : Team Management, Decision-making.

Projects:

1. **Preparation of concrete bricks using coconut shells and flyash:**

- Reduced material costs by 20% and increased sustainability by utilizing agricultural waste.

2. **Utilization of rap aggregate in the preparation of concrete to improve it's strength:**
   - Improved concrete strength by 15% using recycled materials.

3. **Responsive portfolio website:**
   - Developed a dynamic website using React and Bootstrap, integrating EmailJS for contact forms. Increased user engagement by 30%.

4. **Weather App:**
   - Built a real-time weather application using React and OpenWeather API; improved forecast accuracy by 20% and reduced load times by 50%.

5. **Redux To-Do-List:**
   - Developed a to-do list app with React and Redux, which streamlined task management and reduced task update latency by 40%, leading to a 25% increase in user productivity.

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Certifications:

- Completed six months of Industrial Training at National Small Industries Corporation Ltd. Technical Services Centre.
- Completed Full Stack Java Certification Course.

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Hobbies:

- Watching movies.
- Listening to music.
- Playing cricket.

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Languages:

- English, Telugu, Hindi

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Declaration:

- I here by declare that information furnished above is true to the best of my knowledge.