PAVAN KALYAN.S

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Summary:

"Eager and passionate **Fresher Developer** with a strong foundation in **web development** (HTML, CSS, JavaScript) and backend technologies (Node.js, Express.js, MongoDB). **Quick learner** with a proven ability to **grasp new concepts** and a desire to contribute to a collaborative team environment at **NestorBird**"

Education:

Bachelor of Technology (B.Tech) - Electrical and Electronics Engineering | Reva University, CGPA – 8.56 | 2021

Technical skills:

1. **Programming skills: JavaScript (ES6), Python**
2. **Web Development skills: HTML5, CSS3**
3. **Frontend Technologies: React.js**
4. **Backend Technologies: Node.js, Express.js**
5. **Database deployment: MongoDB Atlas**
6. **Database skills: MongoDB**
7. **Tools: VS Code, Postman**
8. **Version control systems: Git, GitHub**

Projects:

1. Subjective Quiz Examiner:

1. Designed and developed a scalable web application using **Node.js**, **Express.js**, and **MongoDB**, **handling 30+ concurrent users**.
2. Implemented clean, efficient, and maintainable JavaScript (ES6) code to implement improved form validation, significantly reducing user errors and streamlining the testing process
3. **Debugged** and troubleshooted responsiveness issues on mobile devices, ensuring a positive user experience across all platforms.
4. **Contributed** innovative ideas to enhance project outcomes, such as establishing clear communication between front-end and back-end services through well-defined API endpoints.

2. HR Assist:

1. Developed a user-friendly interface using **HTML** and **CSS,** ensuring a clear and intuitive experience for HR personnel to manage the **employee recruitment process**.
2. Ensured password security by employing bcrypt for **password encryption** before storing **user credentials** in the database.
3. Implemented secure account management features such as **account activation**, **deactivation**, and **password reset**, incorporating **email notifications** for user interaction and security enhancement.
4. **Participated** in code reviews, actively seeking and providing feedback to improve code quality and maintainability.
5. **Optimized application performance** by reducing page loading times by **0.7 seconds**, demonstrating a commitment to efficiency and best practices.

Work Experience:

Power Grid Corporation of India Limited - *Graduate Apprenticeship Trainee*   **Nov/2021 -Nov/2022**

1. **Developed innovative solutions** using engineering principles to ensure efficiency and reliability in complex problems, demonstrating strong problem-solving skills.
2. Automated **50%** of key tests, boosting efficiency and freeing up team resources.
3. Actively engaged in **continuous professional development**, staying abreast of industry trends and best practices to drive **personal growth** and **contribute effectively to team objectives**
4. Gained a comprehensive understanding of technical and functional landscapes through diverse projects. This experience allows me to effectively tackle problems and develop innovative solutions.

Certification:

1. **Full Stack Development, Vikas Systems**   April/2023 – November/2023