

PAVAN KALYAN.S

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Summary:

“Associate Software Engineer with strong skills in HTML, CSS, JavaScript, and backend technologies. Passionate about building **secure, user-friendly, and performant** web applications that **enhance** the user experience. Proven ability to collaborate and solve problems. Eager to learn and contribute to a growing team at Micron Technology.”

Education:

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

Technical skills:

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| 1. Programming skills: JavaScript (ES6), Python | 5. Database deployment: MongoDB Atlas |
| 2. Web Development skills: HTML5, CSS3 | 6. Database skills: MongoDB |
| 3. Frontend Technologies: React.js | 7. Tools: VS Code, Postman |
| 4. Backend Technologies: Node.js, Express.js | 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. Utilized MongoDB Atlas for database deployment in projects, demonstrating familiarity with cloud-based database solutions
4. **Contributed** innovative ideas to enhance project outcomes, such as integrating 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 Implemented an intuitive user interface (UI) for HR personnel, streamlining 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. **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