V BALA KARTHIKEYA

Contact Information

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Objective

Detail-oriented Front-End Developer with hands-on experience in HTML, CSS, JavaScript, and React.js. Adept at building responsive, user-friendly web applications with a focus on clean code and intuitive design. Strong problem-solving skills and a collaborative mindset, eager to contribute to innovative projects through an internship while expanding technical expertise in a growth-driven environment.

Education

- **Bachelor of Technology in Computer Science and Engineering**, KL University　　　Expected 2027
  Relevant Coursework: Web Development, Data Structures, Algorithms, and Database Management.

- **High School Diploma**, Rajiv Gandhi University of Knowledge Technologies　　　2019 - 2023

Skills

- **Technical Skills:** HTML, CSS, JavaScript, React, Java
- **Soft Skills:** Team Collaboration, Problem Solving, Communication
- **Tools:** Git, VS Code, HackerRank, CodeChef

Experience

Front-End Development Intern　　　　　　　　　　　　　　　　　　　　**Aug 2024 - Dec 2024**

APEKSHA　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Vijayawada, India*

- Developed and deployed responsive web applications using **HTML, CSS, and JavaScript**, improving user engagement by 30%.
- Collaborated with a team of 4 developers to design and implement website content, reducing development time by 20%.
- Created and delivered 10+ customized lesson plans for students, resulting in a 25% improvement in learning outcomes.
- Utilized **Git** for version control, ensuring efficient collaboration and code management.

Projects

- **Job Portal Project** (JOBPORTAL)

  - Designed and developed the **frontend** of a job portal using HTML5, CSS3, and JavaScript (ES6), creating an intuitive and user-friendly interface for job seekers and employers.
  - Built **responsive and mobile-first designs** using CSS Flexbox and Grid, ensuring compatibility across devices and increasing mobile traffic by 40%.
  - Implemented dynamic content rendering using **JavaScript DOM manipulation**, reducing page load time by 25% and improving user experience.
  - Integrated search functionality with **boolean query support**, enabling users to filter job listings efficiently and improving search accuracy by 35%.
  - Utilized **Git** for version control and collaborated with team members to ensure seamless integration with backend APIs.

- **Sorting Algorithms Visualizer** (Sorting Algorithms)

  - Developed an interactive **Data Structures and Algorithms (DSA)** visualization tool for sorting algorithms like Bubble Sort, Merge Sort, and Quick Sort using HTML, CSS, and JavaScript.
  - Enhanced understanding of **algorithmic efficiency** by animating step-by-step comparisons and swaps, helping users grasp **time and space complexity**.
  - Built as part of an SDE project, demonstrating strong problem-solving skills and **optimized code performance**.
  - Improved user engagement with **real-time visualization**, adjustable speed controls, and responsive design.

- **Matrimony Website Project** (MATRIMONY)

  - Designed and developed the **frontend** of a matrimony website using HTML5, CSS3, and JavaScript (ES6), creating an engaging and user-friendly platform for matchmaking.
  - Built responsive and mobile-first designs using CSS Flexbox and Grid, ensuring seamless usability across all devices and improving mobile engagement by 30
  - Implemented dynamic profile rendering using **JavaScript DOM manipulation**, enhancing user interaction and reducing page reloads by 20
  - Integrated advanced search filters (e.g., age, location, profession) with real-time updates, improving match accuracy and user satisfaction by 40
  - Utilized Git for version control and collaborated with backend developers to integrate user authentication and profile management APIs.

Extra-Curricular Activities

- Actively participate in coding challenges on platforms like CodeChef and HackerRank.
- Earned a **100-Day Streak Badge** on CodeChef for consistent coding practice and problem-solving.

Leadership

- Contributed to open-source projects and collaborated with developers on GitHub.
- Actively involved in coding communities and forums to share knowledge and solve problems.