CHARAN KS

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Summary

Software Developer with strong programming fundamentals and hands-on experience in designing, developing, and maintaining software applications. Demonstrated ability to quickly learn and adapt to new technologies, frameworks, and tools based on project requirements. Skilled in problem-solving, writing clean and scalable code, collaborating in team environments, and delivering reliable solutions across the software development lifecycle.

Skills

Programming Languages: JavaScript, Python, HTML5, CSS3
Software Development Concepts: Object-Oriented Programming, Problem Solving, Debugging
Libraries / Technologies: React.js (learning), REST APIs
Tools: Git, GitHub, VS Code, Jupyter Notebook, Figma

Soft Skills

- **Collaboration:** Experience working in team environments using Git and GitHub for version control, code reviews, and task coordination.
- **Adaptability:** Quick learner with the ability to understand new technologies, tools, and business requirements and apply them effectively in projects.
- **Problem-Solving:** Strong analytical skills demonstrated through debugging issues, implementing validations, and handling edge cases in applications.

Experience

Full Stack Web Developer Intern   **February 2025 – May 2025**
Take It Smart (OPC) Pvt. Ltd., (Remote)

- Developed, tested, and maintained software modules using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and adherence to coding standards, resulting in a 15% improvement in performance.
- Designed reusable and modular UI components using React.js, improving code maintainability and reducing development time by 30%.
- Collaborated with cross-functional teams using Git and GitHub, participating in debugging, code reviews, and version control best practices.

Projects

Crime Rate Prediction Using Machine Learning | *Python*   **July 2024**

- Preprocessed and analyzed large datasets using Pandas and NumPy, ensuring data consistency and integrity for modeling.
- Developed and trained a machine learning model using Scikit-learn to predict crime rates with high accuracy.
- Built an end-to-end software solution involving data preprocessing, model training, evaluation, and result interpretation, demonstrating strong analytical thinking and rapid learning of complex systems.

Responsive Personal Portfolio Website | *JavaScript*   **October 2025 – November 2025**

- Designed and developed a responsive web application using HTML, CSS, and JavaScript, following modular design principles and performance optimization techniques.
- Implemented interactive UI features including smooth scrolling, navigation components, and dynamic content rendering.
- Integrated form validation and third-party services to improve usability, accessibility, and reliability across devices.

Real-Time Weather Forecast Application | *JavaScript*   **November 2025 – December 2025**

- Developed a real-time weather application using HTML, CSS, and JavaScript with external API integration.
- Implemented asynchronous data fetching, error handling, and UI updates to improve application reliability.
- Optimized application performance and ensured responsive layouts across multiple devices and screen sizes.

Education

B.E in Computer Science   **Graduated: 2025**
Dr Sri Sri Sri Shivakumara Mahaswamy College Of Engineering, Bengaluru   *CGPA: 8.4*