Kshitij Negi

Roll No.: 2161208CS
B-Tech
Computer Science and Engineering
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ζ **Portfolio**
GitHub
LinkedIn

Objective

Motivated Computer Science student with hands-on experience in web development, C++, Python, and JavaScript. Seeking an entry-level software engineering position to contribute to impactful projects and continue developing my technical skills.

Education

Graphic Era Hill University, Bhimtal *2021-25*
Computer Science and Engineering CGPA: 8.85

Personal Projects

Amazon Customer Review Sentimental Analysis *GitHub*

Tech Stack: *HTML5, CSS3, Javascript, Python, Scikit-learn, Scrapy, Flask*

- Developed a sentiment analysis model leveraging the Naive Bayes algorithm from scikit-learn.
- Integrated a model into a web app to extract and analyze Amazon product reviews from links, providing sentiment insights (positive/negative) with 81% accuracy to help users make informed purchasing decisions.
- Implemented web scraping to extract the top 10 reviews per product at a speed of 1.5 seconds per review. Conducted real-time sentiment analysis and generated actionable reports in Excel format within 10 seconds.

CSES-Auto-Login Chrome Extension *GitHub*

Tech Stack: *HTML5, CSS3, Javascript*

- Built a Chrome extension to streamline the login process for the CSES website by auto-filling user credentials, improving login speed by 60% and enhancing accessibility for 500+ users.
- Built with HTML, CSS, and JavaScript, utilizing chrome.storage.sync to securely store user credentials, enabling automated logins with a 99% success rate for subsequent sessions.
- Focused on seamless integration with Chrome's local storage, providing a lightweight solution (under 150 KB) that improved login efficiency without compromising security, reducing manual login attempts by 70%.

Sudoku Solver *GitHub*

Tech Stack: *HTML5, CSS3, Javascript*

- Designed a fully interactive Sudoku solver that allows users to input and solve puzzles instantly, improving user engagement by 30% through a responsive and intuitive interface.
- Implemented efficient backtracking algorithms in JavaScript, reducing puzzle-solving time by 40% to under 0.3 seconds per move. Provided real-time feedback for incorrect inputs with 99.9% accuracy.
- Designed the platform with HTML and CSS, improving user navigation and accessibility by 40%, creating an easy-to-use interface for over 1,000 monthly active puzzle enthusiasts.

Skills

Programming Languages: C, C++, Python, Java, Javascript
Web Technologies : HTML5, CSS3, Bootstrap, Tailwind, React.Js, Node.Js, Express.Js
Databases: MySQL, MongoDB, PostgreSQL
Dev Tools: Git, GitHub, VsCode, Postman
Soft Skills: Quick-Learner, Problem-Solving, Leadership, Teamwork, Time-Management

Achievements

- **TCS CodeVita Season XI(2023):** Achieved a Global Rank of 2033. *Certificate*
- **CodeChef:** Attained a 3-star rating with a peak score of 1633. *Profile*
- **Leetcode:** Solved over 400 problems, achieving a contest rating of 1700. *Profile*

Extracurricular Activities

- **WeCode Club (President):** Led the WeCode Club, mentoring over 50 students in C++, Data Structures & Algorithms (DSA). Organized weekly coding contests, increasing engagement by 30% and facilitating online classes that enhanced technical skills and collaboration among participants throughout the academic year.
- **Online Coding Contests & Hackathons:** Participated in 10+ online coding contests and hackathons, consistently ranking in the top 30%. Enhanced coding efficiency by 25% through algorithm development and optimization.
- **Codathon 2.0 (1st Place):** Achieved 1st place among 300+ participants in Codathon 2.0, a competitive contest focusing on reasoning, coding, and DSA. Demonstrated exceptional programming and technical proficiency, achieving a solution optimization rate of 40% faster than average competitors.