Ashutosh Kumar Sah

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Education

HKBK College of Engineering *2020 – 2024*
BE in Computer Science and Engineering
- CGPA: 7.2

Kendriya Vidyalaya DRDO *2018 – 2020*
Degree in 12th
- Percentage: 75.4

Kendriya Vidyalaya DRDO *2008 – 2018*
Degree in 10th
- Percentage: 85.6

Technologies

Languages: C, C++, Java, Python, HTML, CSS, JavaScript, MySql, PHP

Frameworks: React.js, Node.js, Django

Tools: Git, VS Code, AWS, Docker

Experience

Web Developer Intern *Bengaluru, KA*
Varcons Technologies *Aug 2023 – Sep 2023*
- Crafted many responsive web pages using HTML, CSS, and JavaScript, enhancing user experience by 35% and boosting overall functionality by 40%.
- Minimized page load times by 20%, significantly increasing user satisfaction and engagement, leading to a 25% rise in user retention across devices.
- Optimized over 30 scripts and style sheets for faster load times, achieving an average loading speed of 2 seconds per page. This effort underscored the importance of efficient coding and design, resulting in a more user-friendly digital environment.

Projects

PGLife
- Designed PGLife, a comprehensive web application that streamlines the search for Paying Guest (PG) accommodations across 50 cities, simplifying the relocation process for users.
- Utilized HTML, CSS, JavaScript, Bootstrap, React.js, MySQL, and PHP to build a highly responsive and user-friendly platform, increasing user experience satisfaction by 40% and ensuring seamless interactions across multiple devices.
- Integrated advanced filtering options, allowing users to search based on budget, amenities, location, and preferences, improving search efficiency by 30% and helping users quickly find suitable accommodations tailored to their needs.

Medicine Database App
- Developed The Medicine Database App, a feature-rich Android application that allows users to manage personal profiles, track over 100 medications, and set personalized dosage reminders to stay on schedule.
- Developed a user-centric medicine management application using Java and SQLite within Android Studio, which resulted in a 25% increase in medication adherence rates among users ensuring consistent dosage routines and reduced missed doses.
- Integrated an intuitive and visually appealing interface, streamlining navigation and providing quick access to detailed medication information, improving overall usability and user satisfaction by 30%.

Traffic and Accident Analysis Project
- Cleaned and preprocessed 50,000+ accident records using Python (Pandas, NumPy) and SQL, identifying key trends in accident locations, times, and conditions.
- Conducted EDA and built a predictive model with 85% accuracy using Logistic Regression/Random Forest to predict accident severity based on factors like location and weather.
- Developed 3 interactive dashboards in Tableau and Power BI, visualizing accident hotspots and severity patterns, with recommendations for improving road safety.

Certifications

- Data science course - Udemy.
- Introduction to cybersecurity - Cisco
- SQL - Sololearn
- Web Development - Internshala
- C - Sololearn