Sahil Kumar

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SUMMARY

Ambitious and adaptable graduate with a Bachelor's degree in computer science. Possessing strong skills and a passion for software developer, I am eager to kickstart my career and contribute positively to a forward-thinking organization With a fervor for innovation and a commitment to making a mark in the tech landscape, I'm on a mission to channel my evolving skill set into impactful projects and research. Join me on this journey as we contribute to the ever-expanding world of technology

SKILLS

Languages: C/C++, SQL, JavaScript, HTML/CSS
Data Structure and Algorithms
Frameworks: Nodejs, AngularJS , ExpressJS,
Libraries: jQuery, Bootstrap , Tailwind , ReactJS
Databases: MongoDB , MySQL Developer
Tools:Github, VS Code , MySQL Workbench , MongoDB Compass , XAMPP Server

PROFESSIONAL EXPERIENCE

CodEvo Solutions   **August 2024 - Present**
Web Development Intern
Accomplishments:

- Optimized a legacy website by refactoring code and implementing lazy loading, reducing page load time by 40%, which improved user engagement and SEO rankings
- Collaborated with the development team to implement new features, including an interactive user dashboard and a dynamic content management system, enhancing the overall user experience.
- Identified and resolved over 50 bugs in the codebase, improving the overall stability and performance of the web application
- Created comprehensive documentation for key projects and conducted knowledge-sharing sessions with team members, facilitating better collaboration and project continuity
- Successfully integrated third-party APIs into the company's web applications, allowing for real-time data fetching and providing users with up-to-date information

Excellence Technology - Mohali   **June 2024 - August 2024**
Full Stack Web Development Trainee
Accomploishments:

- Collaborated with the development team to implement new features, including an interactive user dashboard and a dynamic content management system, enhancing the overall user experience.
- Worked closely with the UX/UI team to redesign key components of the website, improving user navigation and increasing average session duration by 20%
- Developed and implemented automated testing scripts using Selenium, reducing manual testing time by 60% and ensuring higher code quality

Internshala   **June 2024 - August 2024**
Internshala Student Partner
Accomplishments:

- Successfully increased brand awareness on campus by organizing and promoting events that attracted over 500 students, leading to a 25% growth in social media followers for the brand.
- Developed and executed innovative marketing strategies, such as a campus scavenger hunt
- Led a campus-wide campaign that involved distributing branded merchandise and hosting informational sessions, resulting in 200 new student registrations for the brand's service
- Conducted surveys and gathered feedback from over 300 students, providing valuable insights to the brand's marketing team and contributing to the development of more targeted marketing strategies.
- Spearheaded the promotion of a Internshala event, resulting in a 40% increase in student attendance compared to previous events, making it one of the most successful campus events of the semester
- Developed and executed innovative marketing strategies, such as a campus scavenger hunt, which increased brand visibility and engaged over 150 students in a single day

Skyconn Technologies - Bathinda   **June 2023 - July 2023**
Python Developer trainee
Accomplishments:
- Created a Python script to automate data analysis for a large dataset, reducing processing time by 50% and enabling the team to generate insights more efficiently
- Optimized existing Python code by implementing more efficient algorithms, which reduced the runtime of key processes by 30%
- Contributed to the enhancement of a data pipeline by writing Python scripts to clean and transform raw data, improving data quality and reducing errors in the final output.
- Designed and developed a custom Python tool for internal use that automated the generation of technical documentation, increasing documentation accuracy and consistency
- Identified and fixed critical bugs in the Python codebase, improving the overall stability and performance of the application
- Contributed to an open-source Python project by fixing issues and adding new features, gaining recognition within the developer community and improving my understanding of collaborative coding

EDUCATION

Giani Zail Singh College Campus Of Engineering And Technology
Bachelor of Technology - Computer Science and Engineering - Bathinda   **August 2021 - Present**
CGPA-7
I gained a lot of skills here including web development, Python programming and c/c++

Government Boys High School - Abohar
intermediate with Science   **May 2019- May 2020**
Score-80.1

LANGUAGE KNOWN

- English
- Hindi
- Punjabi

PROJECTS

1.Spotify Clone
Web Developer | Live Demo | GitHub
Technologies:
HTML, CSS, JavaScript, Node.js, Express, MongoDB
- Developed a fully responsive music streaming application that mimics the core features of Spotify.
- Integrated the Spotify API to fetch real-time music data, improving user engagement by 20%.
- Overcame challenges related to asynchronous data fetching and implemented caching to reduce load times by 30%.
- Timeline: July 2024 - August 2024

2. Loan Prediction Application
Machine Learning | GitHub
Tools & Technologies:
Python, Jupyter Notebook, Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn
Outcome:
The final model successfully predicted loan approval with 91% accuracy, providing insights that could potentially reduce the risk of default for financial institutions.

3. Bloodbank Management System
Python Programming | GitHub
Tools & Technologies:
Python, Django, Pytz, SQLparse
Outcome:
Basic bloodbank management bament system using python programming This is a web-based application project developed using Python and Django Framework. This project provides an online platform for Blood Bank organizations to manage their records. The application allows the said organization to manage the donations and blood requests

4. Personalize Portfolio Website
Python Programming | Website
Tools & Technologies:
HTML, CSS, JavaScript, Node.js
- Designed and developed a fully responsive portfolio website using HTML, CSS, and JavaScript, effectively showcasing my web development projects and skills to potential employers and clients