DIGYAVIJAY RANVIJAY SINGH
B.E. - Computer Science & Engineering
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BRIEF SUMMARY

Dynamic and motivated Computer Science & Engineering student with a strong foundation in programming languages such as C++, Java, HTML, CSS, JavaScript, MySQL, and Python. Proven experience developing innovative projects, including a machine learning-based noise reduction system and a personal portfolio website, showcasing strong problem-solving skills and technical expertise. Actively engaged in extracurricular activities, including leading placement coordination and contributing to college events, demonstrating leadership and teamwork abilities.

KEY EXPERTISE

C++ · Java · Html · CSS · Javascript · MySQL · Python

EDUCATION

Sinhgad Academy of Engineering — 2021 - 2025
B.E. - Computer Science & Engineering | CGPA: **7.93** / **10**

Vijayamala Junior College of Science & Arts, Pune — 2021
12th | Maharashtra state board | Percentage: **89.67** / **100**

SPG International Public School, Pune — 2019
10th | CBSE | Percentage: **70.66** / **100**

PROJECTS

NOISE REDUCTION IN WEB DATA: A LEARNING APPROACH BASED ON DYNAMIC USER INTEREST — 15 Jul, 2024 - 01 Apr, 2025
Mentor: Prof. N. A. Inamdar | **Team Size:** 4
Key Skills:

Machine Learning (LSTM, RNN), · Python/ML Libraries · Software Development · Problem-Solving · Web Data Mining

Developed and implemented an LSTM-based noise reduction system to improve the quality of web data by eliminating irrelevant content. Led the design and development of a machine learning algorithm that adapts to dynamic user preferences and evolving web content, enhancing data accuracy and usability for downstream applications. Managed all phases of the project lifecycle, including requirement gathering, system design, implementation, and integration testing. The system effectively processed time-series data, improving noise reduction precision while maintaining computational efficiency. Emphasized data privacy and regulatory compliance throughout the development. The project contributed to advancing web data processing by providing a scalable and adaptable solution that significantly enhances decision-making and information extraction.

Personal Portfolio — 10 Sep, 2024 - 17 Sep, 2024
Key Skills: HTML5 · CSS · Javascript

Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase skills, projects, and experience. Designed a responsive layout using Flexbox and grid, ensuring accessibility across devices. Created distinct sections, including Profile, About, Experience, Projects, Blogs, and Contact, each with tailored content and navigation. Implemented interactive elements such as hover effects, social media links, and dynamic buttons for GitHub and live project demos. Integrated a hamburger menu with JavaScript logic for smooth transitions on mobile devices. Focused on professional branding and delivering a seamless user experience to enhance online visibility and networking opportunities. The portfolio is an evolving professional growth documentation, featuring recent projects, blogs, and development skills.

Chess
Mentor: Daljit Kaur | **Team Size:** 5
Key Skills: Python · Data Structures · Problem Solving

- Designed and developed a chess game application using Python.
- Utilized Data Structures and Algorithms (DSA) for efficient move generation and board evaluation.
- Implemented features such as legal move validation, checkmate detection, and game state management.
- Demonstrated proficiency in Python programming and applied DSA concepts to create a functional and interactive chess experience.

ACHIEVEMENTS

- Runner-up in state level Chess tournament
- Won several Chess Tournament

SEMINARS / TRAININGS / WORKSHOPS

Cybersecurity Institute Name: Technohacks   28 May, 2024 - 29 May, 2024

Key Skills: Cybersecurity   Ethical Hacking

Participated in an in-depth seminar covering key aspects of cybersecurity, including ethical hacking, network security, threat analysis, and risk management. Learned practical techniques for identifying vulnerabilities and implementing security measures to protect digital assets. Enhanced understanding of the ethical implications and responsibilities of cybersecurity professionals.

EXTRA CURRICULAR ACTIVITIES

- Actively contributed to ACES for 2 years, engaging in diverse college events. Demonstrated strong teamwork, organization, and adaptability in coordinating successful events, enhancing campus life, and fostering community engagement.
- Leading the placement coordination team for the past 2 years, facilitating campus recruitment drives and managing relations with industry partners.
- Leading a 20-member team as Editor, managing content creation, editing, and publication. Coordinated with writers and designers to ensure high-quality, timely releases.

PERSONAL INTERESTS / HOBBIES

- Chess
- Writing Poems
- Cricket

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Sinhgad Academy of Engineering Kondhwa (BK), Pune, Maharashtra, India - 411048

Date of Birth: 27 Feb, 2002

Known Languages: English, Hindi, Marathi

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