

Digyavijay Ranvijay Singh

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Education

Sinhgad Academy of Engineering

B.E in Computer Engineering

Kondhwa ,Pune, Maharashtra

Expected Graduation, May 2025

CGPA: 7.93

Vijayamala Junior College of Science & Arts, Pune (HSC)

Percentage: 89.67%

SPG International Public School, Pune (SSC)

Percentage: 70.66%

Brief Summary

Motivated Computer Engineering student with hands-on experience in software development, data structures, and machine learning. Proficient in **Java, Python, C++**, and **web development tools** with a passion for innovative solutions. Adept in **project collaboration, publication writing, and leadership**, with proven capabilities as an **Chief Editor** and **Placement Coordinator**. Actively participates in technical and cultural events.

Projects

NOISE REDUCTION IN WEB DATA: A LEARNING APPROACH BASED ON DYNAMIC USER INTEREST

15 Jul, 2024 - 01 June, 2025

Key Skills: Machine Learning (LSTM, RNN,NLP) Python/ML Libraries Software Development Problem-Solving Web Data Mining

Developed and implemented NLP and 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. The system effectively processed time-series data, improving noise reduction precision while maintaining computational efficiency.

Personal Portfolio Website

Sep 2024 – Sep 2024

Key Skills: HTML, CSS, JavaScript, VS Code

- Created a responsive portfolio with Flexbox/Grid layouts and dynamic navigation menus.
- Optimized for multi-device usability with interactive UI components.

Chess Game (Python)

Key Skills: Python, OOPs, Pygame, Algorithms

- Built a 2-player chess game implementing all standard rules(check,castling,etc.)
- Used object-oriented principles and debugging tools for modular,bug free development.

Certifications

- **DSA through Java** – NPTEL
- **Cybersecurity – Technohacks**: Covered ethical hacking, threat analysis, penetration testing basics
- **Object-Oriented Programming in Java** – Great Learning Academy
- **SQL** – HackerRank
- **Mathematics Proficiency Award** – 6 Consecutive years

Skills

Programming: Java, Data Structure & Algorithms (DSA)(Basic), JavaScript, HTML/CSS, SQL, C++ (Basic), Object Oriented Programming(OOP), [Database Management Systems \(DBMS\)](#), [Computer Network\(CN\)](#), Cloud Computing

Tools: Power BI, Windows, Notebook, Eclipse, VS Code, MS Excel

Achievements

District Rank 1, State Rank 5 – International Maths Olympiad

Runner-up – State-level Chess Tournament