SHRUTI KAMBLE

Pune, Maharashtra

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Education

Vishwakarma Institute of Information Technology, Pune **August 2022 - June 2025**
Bachelor of Technology in Computer Engineering(CGPA of 9.2) *Maharashtra, India*

Puranmal Lahoti Government Polytechnic, Latur **August 2019 - June 2022**
Diploma in Computer Engineering(Percentage of 90.63) *Maharashtra, India*

Saraswati Vidhyalaya, Latur **August 2019**
SSC (Percentage of 92.80) *Maharashtra, India*

Relevant Coursework

- Data Structures (Java)
- OOPs
- Operating System
- Data Analytics
- Database Management
- Machine Learning
- Computer Network

Projects

Harmful Brain Activity Classification | *Python* **March 2024**
- Developed a machine learning model to classify harmful brain activity in EEG (Electroencephalography) data.
- Successfully identified and classified various harmful brain activities, including Seizure, GPD, LPD, and others.

Natural Language Generation Comparative Study | *Python* **February 2024**
- Researched and compared different deep learning models for **generating text**, focusing on their performance and effectiveness.
- Found that GRU outperforms other models like CNN, RNN, and LSTM, showcasing superior accuracy, coherence, and efficiency in producing contextually relevant text.

TalentTrend | *Python, PowerBI* | GitHub **December 2023**
- Led analysis of employee attrition via **Decision Tree** modeling with Python, resulted a notable **7%** accuracy boost from **78%** to **85%**, as well as improved performance metrics.
- Utilized **Microsoft Power BI** to predict future attrition and delve into underlying causes, utilizing the 'IBM HR Analytics dataset' to inform strategic decision-making and proactively address attrition risks.

TimeTableSchedular | *Python* **October 2023**
- Developed and customized a **Python-based** automated system using **Genetic Algorithms** for conflict-free scheduling at Vishwakarma Institute of Information Technology.
- Achieved a **60.16%** success rate in generating conflict-free schedules and conducted performance evaluation using **rank-based and tournament selection** strategies.

Technical Skills

Languages: C++, Java, Python, HTML/CSS, JavaScript, SQL, MySQL
Developer Tools: VS Code, Eclipse
Technologies/Frameworks: GitHub, Git, NLP (Natural Language Processing)
Cloud: AWS
Soft Skills: Problem-solving, Teamwork, Creativity, Openness to criticism, Communication, Keen learner

Achievements/Certification

- Completed **Virtual internship** in web development at CodeClause.
- Attained **5-star** ranking on HackerRank in Java.
- Solved more than **500+** problems across platforms.
- Completed the IIRS Outreach Program on **Geoprocessing using Python**, improving **analytical** and **visualization skills** for environmental management and catastrophe response involving spatial data.

Profile Links

LeetCode   Hackerrank   Geeksforgeeks   Twitter   GitHub