

ATHARV NAWAL

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EDUCATION

VIT, Vishwakarma Institute of Technology, Pune
B.Tech - Computer Science and Engineering - CGPA - 8.53

2023 – 2027
Pune, Maharashtra

Blue Ridge Public School
Class X - Percentage - 90.16%

May 2021
Pune, Maharashtra

TECHNICAL SKILLS

Languages: Python, R, Java, C, JavaScript, HTML, CSS
Frameworks & Libraries: React, Flask, Node.js, Git, NumPy, Hugging Face Transformers, PyTorch
Databases: MySQL, MongoDB
Concepts: Data Structures & Algorithms, OOP, Operating Systems, DBMS
Soft Skills: Problem Solving, Communication, Teamwork

PROJECTS

ClinicEase - Clinic management system [↗](#) | [React](#), [JavaScript](#), [NodeJS](#), [MongoDB](#), [Render](#) **Mar 2025**

- Developed a responsive, role-based clinic management system using ReactJS, JavaScript, and Node.js, deployed on Render.
- Implemented dynamic routing and modular component architecture to efficiently manage appointment bookings and patient records.
- Built appointment validation logic to prevent overbooking and enhance clinic workflow efficiency.
- Optimized UI/UX for performance and scalability, with clean code practices and modular design, ready for backend API integration.

Multilingual Text Summarizer [↗](#) | [Python](#), [Hugging Face Transformers](#), [Flask](#), [PyTorch](#), [NLP](#) **May 2025**

- Developed the tool using state-of-the-art transformer models like Pegasus, BERT2BERT and SimpleT5.
- Enabled concise text summarization across 27 different languages using transfer learning techniques in NLP.
- Used libraries such as Transformers, Pegasus, Flask, pandas, numpy, sentencepiece, torch, and tokenizers.
- Designed and trained summarization models using Jupyter Notebooks and web interface using Flask.
- Generated with a user-friendly and responsive interface for seamless interaction across devices.

Student Feedback Analysis and Visualization [↗](#) | [R](#), [ANOVA](#), [t-tests](#), [SVM](#), [K-means](#), [NLP](#) **Jan 2025**

- Developed an dashboard to visualize student feedback using charts, treemaps, and sentiment analysis.
- Implemented NLP techniques (SVM) to analyze textual feedback and extract key insights.
- Used R for data processing, statistical tests (ANOVA, t-tests), and advanced visualizations (Chord, Alluvial, Circular Dendrogram).
- Enabled data-driven decision-making for academic improvements through automated analysis of feedback trends.

CERTIFICATIONS

- Java (Basic) - HackerRank
- Python (Basic) - HackerRank
- MySql (Basic) - HackerRank
- Web Development Pinnacle Lab internship. 02-12-2024 – 02-01-2025

EXTRACURRICULAR

- **EPEC Sponsorship Coordinator at Event Planning and Execution Committee (2023-25)**
Managed secure funding for college events, collaborating with corporate sponsors, local partners, and ensuring successful event execution.
- **Taught 5th Standard Students at Utkarsh – Social Service**
Volunteered to teach basic fundamental subjects to underprivileged students and enhance their learning experience.
- **Led the Project – VR Skateboarding Game**
Developed a Unity VR skateboarding game that integrates physics-based movement, interactive Terrain, and optimized game play for a realistic user experience.
- **Winner of dance competition of MaheshShakti 2.0**