

# Aditya Dharashivkar

Bachelor of Technology

Vishwakarma Institute of Technology, Pune

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## Education

### • Bachelor of Technology in Information Technology

*Vishwakarma Institute of Technology, Pune*

2024–2027

CGPA: 8.73

## Personal Projects

### • Tryllect: Online Try-On and Shopping Platform

- Developed a virtual try-on feature using 3 ML models trained on DressCode, Pose, DensePose, and Cloth datasets.
- Built a multilingual AI voice assistant using NLP and PyTTSx3 for interactive communication.
- Enabled group purchase functionality with database relations between users and products.
- Enhanced user experience with modern features tailored for next-generation e-commerce.
- **Technologies Used:** PyTorch, Diffusion Model, UNet, PyTTSx3

### • SharpCoder: C Programming Learning Platform

- Developed a full-stack learning platform using Flask (backend) and React (frontend).
- Designed a progressive C programming curriculum including quizzes, coding exercises, and cognitive assistance.
- Implemented real-time student progress tracking with persistent storage and analytics.
- Integrated an AI chatbot trained to handle diverse user queries about C concepts and logic building.
- Enhanced code feedback and hints using keyword-based semantic analysis.
- **Technologies Used:** MongoDB, Express.js, Node.js, Flask, React.js

### • Smart Med Scheduler

- Used KNN and LSTM models to predict heart disease.
- Implemented real-time appointment scheduling based on doctor availability.
- Scheduled appointments when prediction indicated high risk.
- UI developed with React and Flask.
- **Technologies Used:** Express.js, Node.js, Flask, MariaDB

## Achievements

- 2nd Runner-up – CodeZilla Inter-College Hackathon, VIT Pune
- 2nd Runner-up – BugFather Debugging Competition
- 4th Place – InnovateYou Techathon 2.0, AISSMS, 24-Hour National Hackathon
- Solved over 230 coding problems on LeetCode
- Co-authored and published a research paper in the Springer Proceedings of ICMEET 2024

## Technical Skills and Interests

**Languages:** Java, C/C++, JavaScript, PHP

**Libraries:** Python Libraries, AWT, Swing, Servlet

**Frameworks:** ReactJS, Android (Java)

**Web Dev Tools:** Node.js, VS Code, Git, GitHub

**Cloud/Databases:** MongoDB, Firebase, MySQL, MariaDB

**Coursework:** Data Structures & Algorithms, Operating Systems, OOP, DBMS, Software Engineering

**Interests:** Competitive Programming (Java), Machine Learning

**Soft Skills:** Problem Solving, Self-learning, Presentation, Agile Mindset

## Links

**HackerRank:** Aditya Dharashivkar

**LeetCode:** Aditya\_Dharashivkar

**GeeksforGeeks:** adharashjtll