

ADARSH PAL

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Mumbai, India

Summary

Computer Engineering student with expertise in full-stack development and AI technologies. Built scalable applications with proven track record in competitive programming and open-source contributions.

Technical Skills

Languages: JavaScript, Python, C
Frontend: HTML5, CSS3, Tailwind, Bootstrap, React.js, Responsive Design
Backend: Node.js, Express.js
Databases: MongoDB, MySQL
Tools & Technologies: Git, GitHub, Vercel, VS Code
Concepts: Data Structures, Algorithms, Web Development

Education

Lokmanya Tilak College of Engineering

Mumbai, India

Bachelor of Engineering in Computer Engineering

Expected May 2027

- Relevant Coursework: Data Structures & Algorithms, Web Development, Database Management, Software Engineering

Projects

AICDSS Healthcare Chatbot | *JavaScript, AI/ML*

Aug 2024

- Developed AI-powered symptom analysis tool with 85% accuracy
- Integrated medicine recommendations and exercise suggestions
- Built responsive web interface with real-time chat functionality

Air Canvas | *JavaScript, OpenCV, Computer Vision*

Jan 2025

- Created web-based drawing tool using gesture recognition with 90% real-time accuracy
- Implemented advanced motion tracking using OpenCV and MediaPipe for hand detection

DisasterAware Platform | *React.js, Node.js, MongoDB, APIs*

Mar 2025

- Built real-time disaster awareness system with live weather updates using external APIs
- Integrated location sharing, volunteer portal, and downloadable preparedness guides
- Implemented push notifications and emergency alert system for critical updates

SkillForge – Offline Learning Platform | *React.js, Next.js, Tailwind CSS*

2025

- Developed an offline-first learning platform focused on digital education for nomadic communities
- Enabled access to educational content without continuous internet connectivity
- Designed a clean, responsive UI optimized for low-resource environments

Leadership & Experience

Code Unnati Program

Lokmanya Tilak College of Engineering

Program Organizer

2024 – Present

- Organized comprehensive orientation program.

Certifications

- **Green Skills and Artificial Intelligence** – Edunet Foundation & AICTE (March 2025)
- **Basics of Python** – Wingspan (February 2025)
- **Git and GitHub for Developers** – Wingspan (February 2025)
- **Google Solution Challenge (GDG on Campus)** – Hack2Skill (2025)
- **Raspberry Pi Workshop Participation** – Coding Club, LTCOE (2024)

Achievements & Activities

- **Technical Secretary, CESA** – Managing technical initiatives, coding competitions, workshops, and student engagement.
- **Event Head, CSI** – Led technical events, and coordinated with teams for smooth execution.
- **Social Media Coordinator, IIC Club** – Handled digital presence, promoted events, and increased student engagement through creative campaigns.
- **Competitive Programming** – Secured top ranks in 5+ national hackathons including MLH events.
- **Open Source Contributions** – Active contributor with 10+ merged pull requests to community projects.
- **Technical Workshops** – Attended specialized workshops: Flutter development, GitHub best practices, AI/ML roadshows.
- **Community Engagement** – Organized coding bootcamps and technical sessions.