


# YASH SANDIP MAHAJAN

Pune, Maharashtra

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 [Leetcode](#)  [Github](#)

## Personal Summary

A highly motivated and result-driven Computer Engineering student with a proven track record in software development, Web technologies, and project leadership. Adapt at delivering innovative solutions in hackathons and professional roles. Equipped with strong problem-solving skills, effective communication, and a passion for learning and implementing cutting-edge technologies.

## Education

### Vishwakarma Institute Of Technology : 9.51 CGPA

Aug 2023 - Jun 2026

Bachelor of Technology - BTech, Computer Engineering

Maharashtra, India

- Being winner in more than 4 hackathons every semester while being a student.
- Consistently ranked among the top-performing students with a CGPA of 9.51.

### Government Polytechnic Pune : 94.13 Percent

Jan 2021 - Jun 2023

Diploma, Computer Engineering

Maharashtra, India

- Have been first in division for 6 consecutive semesters, that is entire diploma.
- Actively participated in technical events and leadership roles, including as President of ComEIt.

### Macro Vision Academy School, Raver : 96.4 Percent

July 2020

10th

Maharashtra, India

- Achieved top rank, securing 96.4%, being only student above 95% in school.
- Recognized as "Student of the Year" for outstanding achievements and all-round excellence.

## Experience

### Linkedin Learning Campus Ambassador - VIT, Pune

Nov 2024 - Present

Spreading Awareness about Linkedin Learning Platform among the students of the college.

### Google Developer Student Clubs - VIT, Pune [Web3 Developer]

Oct 2024 - Present

Working on Web3 development projects, contributing to blockchain and decentralized applications.

### InsideWin Media Solutions Pvt. Ltd. [Junior Software Engineer Intern]

March 2024 - August 2024

6 month Summer Internship - Contributed to the development of an e-commerce platform.

### Automatic Electric Limited [BackEnd Developer] Maharashtra, India

June 2024 - August 2024

Successfully developed app that could handle records of AE9000 hardware device.

### Freelance Software Developer [Freelance- Part-time] Maharashtra, India

Jun 2023 - Oct 2023

Successfully completed over 10 projects for diverse clients. From Android to Web App.

### Government Polytechnic Pune [President of ComEIt] Maharashtra, India

Oct 2022 - Mar 2023

Led the Computer and IT department, organizing and managing events and seminars to enhance skills .

### Dhrumi Technologies [Full-stack Developer] Internship Sambhajinagar, India

Jul 2022 - Sep 2022

Worked as a full-stack developer in a 6-week internship program.

## Projects

### FlexOS: Universal OS Simulation | Django, Mediapipe, SQLite, OpenCV, STTX, LLM

August 2023

GitHub

- Developed a versatile OS simulation designed to enhance accessibility, featuring AI-based hand and retina controls, integrating real-time image processing and speech-to-text capabilities.

### Institution and Constitution | ReactJS, NextJS, MongoDB, Flask, Pygame, LLM

July 2024

GitHub

- Built a platform to educate users on the Indian Constitution and institutions using interactive content, including games and AI-powered learning modules.

## GitHub

- Developed a secure, AI-powered examination application that uses real-time face and gesture recognition to monitor users during online exams.

Workplace Wingman: Cameraless Self Driving | *Python, Pygame, Django, STTX, TTS*

August 2023

## GitHub

- Designed a prototype for autonomous workplace navigation using audio and text commands, eliminating the need for camera-based input.

Knowledge Pilot: 1bit LLM based platform | *ReactJS, Python, Django, LLM, FileConverter*

June 2024

## GitHub

- Developed a lightweight, knowledge-sharing platform that utilizes large language models to assist users in file conversions and content management.

## Achievements

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### 5.1 Winner

- **National Level Pitch-A-Thon Winner** – IIT Dhanbad, May 2024  
Won the prestigious Pitch-A-Thon competition where participants pitched innovative ideas or products. This victory highlights strong communication skills and the ability to make impactful presentations in front of esteemed judges at a national level.
- **ETHIndia 2024 Prize Pool Winner** – Akave Track, November 2024  
Won the Akave-sponsored track at ETHIndia 2024 with the project EquiChain, showcasing innovation in blockchain technology and its application in creating transparent and equitable systems.
- **National Level Research Paper Presentation Competition Winner** – TechOlympics, March 2024  
Secured the first position in a research paper competition at TechOlympics, showcasing expertise in research, critical thinking, and the ability to present complex ideas effectively.
- **National Level Project Competition Winner** – Castodia, April 2024  
Won the national-level project competition, demonstrating creativity, technical expertise, and the ability to develop innovative solutions that stood out among competing teams.
- **National Level Planet Hunt Hackathon 2024 2nd Runner-Up** – IIT BHU, April 2024  
Achieved 2nd Runner-Up in Planet Hunt Hackathon, competing with top-tier teams, showing exceptional problem-solving abilities and technical skills under high-pressure conditions.
- **National Level Elevator Pitch Competition 2nd Runner-Up** – November 2024  
Earned 2nd Runner-Up in this competition, highlighting ability to condense complex ideas into persuasive pitches and demonstrate a strong command of communication skills.
- **State Level Project Exhibition Competition Runner-Up** – Avinya, April 2024  
Secured 2nd place in the state-level project exhibition, reflecting technical innovation and the ability to present ideas clearly and effectively to a diverse audience.
- **Internal Smart India Hackathon Winner** – September 2024  
Won the internal Smart India Hackathon, where solutions aligned with government and societal needs, proving skills in developing impactful, real-world applications.
- **District Level Maths Exhibition Winner** – December 2019  
Awarded first place in a district-level mathematics exhibition, demonstrating a strong foundation in mathematics and an ability to communicate mathematical concepts effectively.

### 5.2 Finalist

- **Universe X 2024 Finalist**  
Reached the top 16 teams out of more than 2000 groups in Universe X, showcasing exceptional skills and innovative ideas that stood out at an international level.

- **GIH 2024 Finalist** Secured a finalist position in the Galgotia’s International Hackathon, placing in the top 30 teams from over 1000 global entries, demonstrating global-level competitiveness in innovation.
- **TechVilla Entrepreneurship 2024 Finalist**  
Reached the top 8 teams in the TechVilla Entrepreneurship competition, illustrating entrepreneurial spirit, strategic thinking, and the ability to execute ideas in the competitive world of startups.
- **TechExpo 2024 Finalist**  
As a finalist in TechExpo, ranked among the top 20 teams out of over 800 groups, highlighting your technical expertise and ability to present cutting-edge solutions in a competitive environment.
- **MHTECHIN 2024 Finalist**  
Reached the finalist stage in MHTECHIN, a competitive innovation event, recognizing your ability to develop and present innovative tech solutions in a large-scale competition.

### 5.3 Scholarships

- **Mudita Scholarship (Merit-Based)** – 50,000 INR per year for third and fourth year of engineering  
Awarded the Mudita Scholarship for academic excellence, which provides financial support for your engineering studies based on your outstanding academic performance and potential.

### Certifications

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• <b>React Essential Training</b> , LinkedIn	<i>Issued: Dec 2024</i>
• <b>Build a Secure Google Cloud Network</b> , Google <i>Credential ID: 12233822</i>	<i>Issued: Oct 2024</i>
• <b>Deploy Kubernetes Applications on Google Cloud</b> , Google <i>Credential ID: 12315172</i>	<i>Issued: Oct 2024</i>
• <b>Google Cloud Computing Foundations: Data, ML, and AI in Google Cloud</b> <i>Credential ID: 12134284</i>	<i>Issued: Oct 2024</i>
• <b>Google Cloud Computing Foundations: Infrastructure in Google Cloud</b> , Google <i>Credential ID: 12102184</i>	<i>Issued: Oct 2024</i>
• <b>Google Cloud Computing Foundations: Networking &amp; Security in Google Cloud</b> <i>Credential ID: 12235231</i>	<i>Issued: Oct 2024</i>
• <b>Google Cloud Essentials</b> , Google <i>Credential ID: 12314556</i>	<i>Issued: Oct 2024</i>
• <b>Implement Load Balancing on Compute Engine</b> , Google <i>Credential ID: 12096940</i>	<i>Issued: Oct 2024</i>
• <b>Prepare Data for ML APIs on Google Cloud</b> , Google <i>Credential ID: 12309165</i>	<i>Issued: Oct 2024</i>
• <b>Set Up an App Dev Environment on Google Cloud</b> , Google <i>Credential ID: 12261485</i>	<i>Issued: Oct 2024</i>
• <b>Fundamentals of Deep Learning</b> , NVIDIA <i>Credential ID: OLsSY5<sub>F</sub>T2 – 2fU4TGUE<sub>p</sub>Pw</i>	<i>Issued: Aug 2024</i>
• <b>Google Cloud Computing Foundations: Cloud Computing Fundamentals</b> <i>Credential ID: 11029945</i>	<i>Issued: Aug 2024</i>
• <b>Mern Full Stack Development</b> , GeeksforGeeks	<i>Issued: Aug 2024</i>
• <b>Introduction to Large Language Models</b> , Google <i>Credential ID: 8988200</i>	<i>Issued: May 2024</i>

- **Java's Toughest Bugs**, LinkedIn *Issued: Apr 2024*  
*Credential ID: 3612dcf920ab123e3b477e61e9a5de6f0fdc9204036aa64435109ec1f7af3dec*
- **Become a Data Science Expert with Python Django Tutorial**, Simplilearn *Issued: Mar 2024*
- **Compassionate Leadership**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 0d1135b0e39f6cd65399a61dfe9fd30b89c3e427bf84a80e0d0c05ddd2377cf*
- **Design Thinking: Data Intelligence**, LinkedIn *Issued: Mar 2024*  
*Credential ID: a1218c512bdec6ede7f2cc42b4fe9e163b16ded0b7ae05c35a8fb53ad7b75a73*
- **Django Essential Training**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 5ce9f42997ae1b06786ac2f82b72e7d72153cec39618291705d2894cc69bf52b*
- **Introduction to Deep Learning**, Great Learning *Issued: Mar 2024*  
*Credential ID: 31732*
- **Java Practice: Collections**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 303ce9a67ebb963f8a1930984592d4b49d2a2ac3bb1f6158735a494b56cb37d0*
- **Java Practice: Exception Handling**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 6a456436c6857414d3c4a31a55e7a72cee7e30539064cbc82515b3f9d3dcd6f1*
- **Java Practice: Functional Programming**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 20900f77673d85a13d09c7fbd8d7a184dafae11f41cfa6c5a1a9914888ac0a9*
- **Learning Django**, LinkedIn *Issued: Mar 2024*  
*Credential ID: aecc31492bb8dde8f0bf63386c5fd315aa0e82027e219c2dffbd751289251e56*
- **Mastering Communications as a Leader**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 37193bd1647e6740ba244b878b61f72b780cfc82b2c580289845920b406dfe66*
- **Problem Solving (Basic)**, HackerRank *Issued: Mar 2024*  
*Credential ID: 19488089e18c*
- **Programming Foundations: Design Patterns**, LinkedIn *Issued: Mar 2024*  
*Credential ID: c6fe1f0ccbd74fb4bd9b8e243bdfffe9c3b7ca601ad6b56038f13395edba295*
- **Programming Foundations: Fuzzy Logic**, LinkedIn *Issued: Mar 2024*  
*Credential ID: 72217d9cece902792cd226ae6a73b6e85e0fdbce4461689a04ce3731934aae6c*
- **SQL (Basic)**, HackerRank *Issued: Dec 2023*  
*Credential ID: ab5d6de22d5a*
- **Java (Basic)**, HackerRank *Issued: Nov 2023*  
*Credential ID: 50ca0711a715*
- **Programming Foundations: Design Principles**, LinkedIn *Issued: Mar 2023*  
*Credential ID: 63002c9c9c6aecc3700a25eb1aae7c7850f1ba8e3256e826f3ceac50553d72f4*
- **Basics of Machine Learning**, Great Learning *Issued: Nov 2022*  
*Credential ID: 14554*

## Co-Curricular Activities

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- State Level Cricket Player – Represented Maharashtra, 3x Taluka Level Cricket Champion
- Cluster Level Volleyball Player – Competed in inter-school events, 2x Taluka Level Volleyball Champion
- Student of the Year – Awarded for academic and extracurricular excellence in 10th grade
- NCC Commander – Led National Cadet Corps at school, developing leadership and teamwork skills

## Technical Skills

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**Programming Languages:** Java, C, C++, Python, HTML/CSS, JavaScript, SQL

**Technologies, Frameworks, and Libraries:**

- **Web Development:** Django, ReactJS, NextJS
- **Database Management:** MySQL, Oracle
- **Operating Systems:** Windows, Linux, macOS
- **Cloud Computing:** Google Cloud, AWS (Amazon Web Services)
- **Containerization/Virtualization:** Docker, Kubernetes
- **Version Control:** Git, GitHub, GitLab
- **Data Science/ML:** TensorFlow, Scikit-learn, Pandas, Numpy

**Software Development Methodologies:** Agile, Scrum, Test-Driven Development (TDD)

**Skills and Expertise:**

- **Communication Skills:** Effective verbal and written communication, Collaborative team player
- **Data Structures and Algorithms (DSA):** Strong understanding of DSA principles and problem-solving techniques
- **Problem Solving:** Analytical thinking, Creative problem-solving, and Debugging skills
- **Innovative Approach:** Ability to think outside the box, Develop unique solutions for complex problems
- **Testing and Debugging:** Experience in unit testing, integration testing, and debugging code using tools such as PyCharm, Visual Studio Code, Eclipse
- **Project Management and Leadership:** Leadership experience in hackathons, project management, and mentoring teams