Yash Bhoomkar

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EDUCATION

Pune Institute of Computer Technology   **Pune, MH**
Bachelor of Engineering, Computer Science   2022 - 2026
GPA: 9.38/10.0
Relevant Coursework: *Object-oriented programming, Database Management, Data Structures, Algorithms, Operating Systems, Machine Learning, Software Engineering, and Complexity Analysis*

Indian Institute of Technology (IIT Madras)   **Pune, MH**
Minor Degree: *Data Science and Applications*   2022-2026

Susheela Bahudhani Jr. College (HSC)   **Pune, MH**
Stream : Science   2021-2022
Awards/Ranks: Student of the Year 2022.
HSC Score: **94%** | MHT-CET Score: **99.732 Percentile** | MHT-CET Rank: **324**
MHT-CET Physics Score: **99.834 Percentile** | MHT-CET Maths Score: **99.60 Percentile.**

Muktangan English School (SSC)   **Pune, MH**
Scores: SSC: **96%** | Sanskrit SSC Score: **100/100**   2019-2020

WORK EXPERIENCE

1. Capgemini India   **Pune, MH**
  GenAI Intern   Oct 2024 - Jan 2025
  • Collaborating with the **GenAI team** to develop an internal tool for curating **unit test cases**, enhancing productivity and optimising workflows.

2. QSHIFT AI Pvt. Ltd. | AIGPT   **Mumbai, MH**
  GenAI Engineer | Machine Learning Research Intern   Feb 2024 - May 2024
  • **Built Gen AI-powered Social Media Marketing product** using **OpenAI APIs** and **Stable Diffusion**.
  • **Cut design time** per post by **55%.**
  • Deployed on **Microsoft Azure.**

3. QSHIFT AI Pvt. Ltd. | AIGPT   **Mumbai, MH**
  Web Development Intern   May 2024 - May 2024
  • Applied **object-oriented design** in the **MERN stack** for modular and scalable code structure
  • Integrated **APIfy APIs** for enhanced functionality.
  • Utilised **Python (Selenium)** for data extraction and automation.

4. Robotics Department, Pune Institute of Computer Technology   **Pune, MH**
  Software Developer   May 2023 - May 2024
  • **Robocon '23 Bot:** Programmed locomotion using Embedded C in Arduino IDE.
  • **Robocon '24 Bot:** Developed tank drive-based locomotion.

5. Pune Institute of Computer Technology IEEE   **Pune, MH**
  Student Professor Program   Jan 2024 - Mar 2024
  • Conducted free C++ fundamentals courses for freshmen.
  • Offered complimentary Data Structures and Algorithms course in C++.

Projects

- **PICT Educational Platform - EduBuddy (2nd Year Final Project)**

  • Leveraged **Agile development practices** to iteratively build and deploy the EduBuddy platform, integrating **feedback** from users and optimizing features continuously.

  • Implemented - Notes taking feature, YouTube Videos Embedding, Login-Authentication, etc.

- **Sentimental Hub (24 Hour Hackathon winner project in Machine Learning Domain)**

  • Developed a **sentiment analysis platform** for **YouTube Comments**. Developed and Deployed **Chrome Extension** which extracts **YouTube Video URL** and Pass it to the Machine Learning Model

  • Developed a website using **StreamLit** for the sentiment analysis platform

  • Worked with technologies such as **Hugging Face ML Models**, MongoDB, **Chrome Extension Services**, etc.

- **PICT OLX**

  Faster experience in buying and selling books with **multiple Payment Gateways**

  • This was a solo 5-hour rapid development project challenge. Developed e-commerce website using **MERN stack**.

  • Successfully integrated **multiple payment gateways** such as **Stripe** and **Plural by Pine Labs**.

Achievements, Skills & Certifications

- **Achievements**: **JEE Ranking:** Top 1% among 1 million candidates. **MHT-CET Rank:** 324. **Maharashtra Merit Lists:** HSC & SSC. **Hackathon Winner:** 24-Hour Hackathon at DevClash. Bronze Medal in **ICO Cyber Olympiad**. **IMO Maths Olympiad:** Ranked in Top 4.
- **Programming Languages and Frameworks:** Proficient in Python, C++, C, Flutter, HTML, CSS, React.js | **Databases:** MySQL, MongoDB.   **Tools:** GitHub, Firebase, Matplotlib, TensorFlow.
- **Courses:** Prompt Engineering by DeepLearning.AI; Python (Machine Learning, Pandas, TensorFlow, Matplotlib, NumPy) by OakAcademy; Web Development Bootcamp by Dr. Angela Yu, The Complete Salesforce Development Course - 2024 Updates, C++, DSA, ADS (offline) at Regal Classes.