HARSH OGALE

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Education

Veermata Jijabai Technological Institute, Matunga   **Aug. 2023 – Present**
B.Tech in Electronics and Telecommunication Engineering
Minor in Artificial Intelligence and Machine Learning

Ratanbai Walbai Junior College of Science, Mulund   **June 2021 – June 2023**
HSC: **82.17%** — MHTCET: **99.60%ile** — JEE Mains: **98.00%ile**

Relevant Coursework

- Data Structures & Algorithms
- Computer Networks
- Signals and Systems
- Digital Logic Design
- Operating Systems
- Data Analysis

Projects

VJTI QUADSPACE ⌂ — *Node.js, Express, MongoDB, Cloudinary*   **Nov. 2024 – Jan. 2025**
- **Designed** and **developed** a dynamic college social media platform, significantly enhancing student engagement and collaboration.
- Built a fast, scalable **RESTful backend** using **Node.js** and **Express.js** for efficient data handling.
- Implemented features such as **post feed**, **AMA section**, **1v1 messaging**, **noticeboard**, and **profile pages**.
- **Collaborated** with **frontend developers** using React.js to align design elements, manage data flow, and ensure a responsive user interface.

HealthCare+ ⌂ — *Next.js, Supabase, Python, SerpAPI*   **Nov. 2024 – Jan. 2025**
- Built **HealthCare+**, an AI-driven digital health platform unifying fitness, nutrition, and medical care into a single ecosystem.
- Integrated intelligent modules for **disease prediction**, **nutrition tracking**, and **mental health analysis** for proactive wellness monitoring.
- Implemented an interactive **medicine tracker**, smart **clinic finder**, and exportable **medical profiles** for seamless care management.
- **Combined advanced AI insights** with a clean, intuitive design to deliver a **personalized** and **user-centric health management experience**.

Email Inbox Agent ⌂ — *Node.js, Gmail API, Notion API*   **Sept. 2024 – Oct. 2024**
- Developed an **agentic AI email assistant** using **OpenAI, Node.js, and Gmail API**, capable of analyzing, summarizing, and prioritizing emails automatically.
- Implemented **smart reply generation**, **thread summarization**, and **calendar synchronization** using generative AI and contextual prompts.
- Integrated **Notion and Google Calendar** for automated workflow actions like **event creation** and **task tracking**.
- Designed an **adaptive agentic system** that learns from user behavior to **personalize urgency detection** and **response tone**.

Technical Skills

Languages: Python, C/C++, JavaScript, HTML/CSS

Developer Tools: Linux, Git/GitHub, VS Code, Google Colab

Technologies/Frameworks: Node.js, Express.js, Next.js, SQL, MongoDB

Extracurricular

- **Eklavya Mentorship Program @ SRAVJTI**
  Completed a competitive mentorship program focused on Robotics.

- **Enthusia VJTI : Event Coordinator**
  Coordinated and managed events for Enthusia, the annual sports fest of VJTI, ensuring smooth execution and high participant engagement.

- **Hacktoberfest 2024**
  Contributed to open-source projects and collaborative development.