TIRTH VORA

+91 9833980151 ◇ Mumbai, India
voratirth257@gmail.com ◇ LinkedIn ◇ GitHub

EDUCATION

K J Somaiya School of Engineering, Somaiya Vidyavihar University — Mumbai, India
Bachelor of Technology (B.Tech) in Computer Engineering — CGPA: 9.05/10.0 — 2025 – 2029

SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript
Developer Tools & Frameworks: MATLAB, Google Colab, Git, GitHub, NVIDIA Jetson, Three.js, Airtable
Core Concepts: Computer Vision, Image Processing, AI & Cybersec, Game Development, Startup Operations & Portfolio Management

TECHNICAL PROJECTS

Defence Informatics & AI Research — *Defence Research Club* — Aug 2026 – Present
Co-founder & AI/Cybersec Research Engineer

- Co-founded and leading AI, cybersecurity, and defence informatics initiatives; designed an introductory automated Fake News Detector leveraging NLP and classification models to identify and mitigate online disinformation.

HowToLife — *Interactive Financial Literacy 3D Game* — Oct 2026

- Developed a 3D block-built browser game set in Mumbai to teach financial literacy and career trade-offs to teenagers through interactive lifestyle design, real-time monthly budget drains, and 5/15-year predictive life path projections.

Outpost99 — *4-Player Arcade Platformer* — Oct 2026

- Engine-built Mario-styled retro arcade game supporting 4-player simultaneous gameplay with custom collision physics and dynamic level design.

Robotics Image Processing Pipeline — *Team KJSCE Robocon* — Oct 2025 – July 2026
Core Team Member (MATLAB & Image Processing)

- Awarded 1st Prize nationally in the MathWorks Competition at DD Robocon 2026 (IIT Delhi) for designing high-performance computer vision algorithms and autonomous visual pipelines.
- Built, annotated, and evaluated custom object detection models using YOLO11 architectures trained on Google Colab datasets.

POSITIONS OF RESPONSIBILITY

riidl (Research Innovation Incubation Design Laboratory Foundation) — Mumbai, India
Program Management Intern (Pre-incubation Startup Portfolio Management) — April 2026 – June 2026

- Managed startup portfolio tracking using Airtable across 325 hours of engagement; scheduled MVP review sessions, documented strategic meeting minutes, and tracked milestone progress for early-stage ventures.
- Prepared internal progress reports/infographics, facilitated founder mentoring, and connected MVP-stage startups with technical experts and incubation resources.

CodeCell (Technical Council, KJSCE) — Mumbai, India
Marketing & Team Member — Sept 2026 – Present

- Raised over **INR 10,000+** in corporate sponsorships by pitching and securing partnerships with major brands including **Café Coffee Day** and **MH99 Burger**.
- Spearheaded brand outreach strategies and marketing campaigns, driving overall attendance of over **600+** participants across flagship technical events and hackathons.

Somaiya Debating Society — Mumbai, India
Executive Debate Team Core — Oct 2025 – Aug 2026

- Collaborate with an executive team to structure debates and host intensive public speaking conferences inviting over 500+ participants across events.

Global Youth Summit — Mumbai, India
Chief Marketing and Operations Officer — July 2023

- Directed end-to-end marketing, operational logistics, and execution strategies for a high-profile Model United Nations conference covered by the Hindustan Times inviting over 300+ participants during the IIM Mumbai edition.

HONORS & EXTRACURRICULAR ACTIVITIES

- **Model United Nations:** Experienced delegate, secretariat, and Chair across multiple high-level conferences (including Inter-State Council), serving as committee arbiter and parliamentary guide.
- **Athletics:** State-Level Bronze Medalist and District-Level Silver Medalist in Individual Yoga Championships.
- **Community Engagement:** Awarded by Indian Development Foundation (IDF) for resource mobilization; active volunteer for beach cleaning drives and community teaching.