

MEET MARU

AI & Full Stack Developer | Front-End AI Engineering Intern

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PROFESSIONAL SUMMARY

Computer Science Engineering student specialising in AI & ML (B.E., 2024–2028, CGPA 7.71/10 (till SEM IV)) with hands-on industry experience as a Front-End AI Engineering Intern at **FlyRank**. Builds and deploys full-stack web applications and AI-integrated systems using Python, Flask, Node.js, React.js, and Google Cloud. Proven ability to ship production projects end-to-end — from architecture to deployment. Demonstrated technical leadership as VP of a 30-member professional body. Google Gemini Student Ambassador 2026 with active campus presence and developer community building.

EDUCATION

B.E. in Computer Science Engineering (AI & ML) — 2024 – 2028

VIVA Institute of Technology, Virar (Mumbai University) | *CGPA: 7.71 / 10 (till SEM IV)*

11th & 12th — Computer Science — 2022 – 2024

Swami Vivekanand International School and Jr. College, Kandivali | *HSC: 60%*

EXPERIENCE

Front-End AI Engineering Intern — FlyRank : July – Aug 2026 (Present) | Remote

- Selected into FlyRank's AI Internship Program to build and ship front-end features for an AI-driven organic growth platform
- Collaborating with the core engineering team on UI development, component architecture, and integration of AI-powered product capabilities into the live platform
- Contributing to frontend performance improvements and cross-functional delivery of product features from design handoff to production deployment

PROJECTS

NextShare — Secure Paste-Sharing Platform

Node.js · Express · React.js · Vite · MongoDB · Redis · Vercel · Render | GitHub: github.com/ivengexnce/NextShare

- Architected and deployed a full-stack paste-sharing platform with a REST API backend on Node.js/Express and a React/Vite frontend, deployed across Render and Vercel with cross-origin configuration
- Implemented burn-after-read functionality using navigator.sendBeacon and beforeunload/visibilitychange listeners to reliably detect tab closure and trigger content self-destruction
- Used Redis for ephemeral state management (IP tracking, view counters) and MongoDB for persistent paste storage, supporting configurable expiry and per-paste view limits
- Built a secret-key-authenticated admin dashboard with Chart.js-powered analytics (line, doughnut, and grouped bar charts), a content leaderboard, and sortable data tables across content types
- Diagnosed and resolved a production blank-screen bug caused by CommonJS/ESM conflicts in the Vite bundle, restoring full functionality post-deployment

OrbitX + MAitri AI - Multimodal Space Exploration Platform

Python · Flask · PHP · MySQL · Gemini API · DeepFace · WebSocket · Azure | GitHub: github.com/ivengexnce/Space-Explorer-AI-Wellbeing

- Engineered full-stack web platform with Python, Flask, PHP, and MySQL; implemented secure user authentication, session management, and real-time WebSocket communication, reducing server response latency
- Built a Computer Vision pipeline using DeepFace for real-time facial emotion detection via webcam; integrated NLP-based empathetic response generation supporting 3 Indian languages (Hindi, Marathi, Gujarati)
- Integrated Google Gemini API and Vertex AI for generative AI responses; added Azure Cognitive Services for speech features; achieved full end-to-end deployment in 2 weeks (1 week backend + 1 week frontend)
- Selected in Smart India Hackathon (SIH) 2025 internal round from a pool of 30+ competing teams, validating production quality and technical feasibility

C-Thriftier — Sustainable Fashion P2P Marketplace

HTML5 · CSS3 · JavaScript · Responsive Design · UI/UX | GitHub: github.com/ivengexnce/c-thriftier

- Designed and developed a responsive 4-page web application for peer-to-peer pre-owned clothing exchange, achieving cross-browser compatibility across Chrome, Firefox, and Safari
- Built a complete user authentication system (signup/login) with client-side form validation; applied UI/UX design principles (typography, color theory, wireframing) to improve user task completion flow

Tic-Tac-Toe AI — Unbeatable Classical AI Agent

Python · Tkinter · Pygame · Minimax Algorithm | GitHub: github.com/ivengexnce/TicTacToe-Python

- Implemented Minimax algorithm in Python with full game-tree search across all 255,168 possible board states; AI achieves 100% optimal play with 0 losses — demonstrated live to 20+ attendees
- Applied classical game-theory AI to demonstrate core machine learning decision-making concepts interactively, reducing audience time-to-comprehension vs. lecture-only format

TECHNICAL SKILLS

Languages: Python, C++, HTML5, CSS3, JavaScript, PHP, SQL, React

Frameworks & Libraries: Flask, React.js, Tkinter, Pygame, NumPy, Pandas, Scikit-learn, WebSocket

AI / ML: Machine Learning, Deep Learning, NLP, Computer Vision, LLMs, Generative AI, Prompt Engineering, Multimodal AI, Google Gemini API, Vertex AI, DeepFace, Azure Cognitive Services, REST API Integration

Databases: MySQL, MongoDB

Cloud & DevOps: Google Cloud Platform (GCP), Microsoft Azure, Netlify, Git, GitHub, Vercel, Railway, Render, Infinityfree

Tools: VS Code, Figma, Canva, AutoCAD

Soft Skills: Technical Leadership, Cross-functional Collaboration, Public Speaking, Project Management, Rapid Prototyping

VOLUNTEER EXPERIENCE & LEADERSHIP

Google Student Ambassador

— May 2026 – Present

Google Student Ambassador Program, Remote

- Driving Google Gemini AI adoption across Viva Institute of Technology campus
- Hosting monthly Fun Night sessions (Product Trials) for 10-30 students
- Creating Gemini-focused content on Instagram and LinkedIn, Conducting campus interviews and outreach campaigns
- Building and managing #TeamGemini community on campus, Representing Google Gemini at college tech events
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Vice President — CSI (Professional Body), VIVA Institute of Technology

— Sep 2025 – June

2026

VIVA Institute of Technology, Virar

- Led a 12-member core committee overseeing academic and technical operations for a department of 200+ students, coordinating 2 flagship tech events (TechChase 2k25, Ingenious 2026)
- Managed cross-functional teams of 15+ faculty members and student volunteers, increasing student participation in technical workshops and seminars by an estimated 30%
- Aligned student initiatives with institutional goals by co-ordinating directly with department heads, streamlining communication workflow and reducing planning lead time
- Directed end-to-end event logistics including budgeting, scheduling, and stakeholder communication across 3 academic departments

VIVA Institute of Technology, Virar

- Conceptualised, built, and ran flagship AI vs Human Battle event with 90+ participants; designed and deployed a 3-level Unity 3D game with a custom map within a 1-month solo development timeline
- Delivered a keynote talk on Generative AI and Human-AI Interaction to an audience of 50+ engineering students and faculty, receiving positive feedback on technical depth and clarity
- Mentored 5 junior participants on Unity game development workflows, guiding them from ideation to working prototypes within a 48-hour sprint

CERTIFICATIONS

- **Prompt Engineering** — Google - *Prompt Engineering · LLMs · Generative AI · Chain-of-Thought Prompting · Few-Shot Learning*
- **UI/UX Workshop** — VIT — *Figma · User Flows · Wireframing · Prototyping · Typography · Color Theory · Responsive Design*
- **Vertex AI / Google Cloud Fundamentals** — Vertex AI · GCP · ML APIs · Generative AI on Google Cloud · Model Deployment
- **Prompt Engineering with Llama 2 & 3** — edQuest - *Prompt Engineering · LLM Workflows · Meta Llama Models*
- **Introduction to Artificial Intelligence** — Simplilearn - *Machine Learning · AI Fundamentals · Core Concepts*
- **SQL to MongoDB's Document Model** — MongoDB University - *NoSQL · DB Architecture · Data Modeling · Document Databases*
- **Computer Vision App with Azure Cognitive Services** — Microsoft Azure · *Computer Vision · Cognitive APIs · Image Recognition*

ACHIEVEMENTS & ACTIVITIES

- **Vice President** — CSI Professional Body, VIVA Institute: Youngest VP in department history; led academic & technical initiatives for 100+ students across departments
- **SIH 2025 Internal Round Cleared:** Shortlisted from 30+ teams for Smart India Hackathon with OrbitX + Maitri AI — multimodal AI project combining Computer Vision, NLP, and Generative AI
- **TechChase 2k25 — AI-Tech Battle Event Head:** Organised and ran flagship AI vs Human event with 90+ participants; built 3-level Unity game in 1 month and delivered Generative AI keynote to 50+ attendees
- **Ingenious Tech Fest 2026 — VIVA Institute:** Presented AI Web project concepts; developed skills in technical pitching, rapid prototyping, and cross-departmental collaboration
- **1st Prize** — Volleyball Tournament (VIVA Institute): Demonstrates teamwork, competitive performance, and leadership under pressure
- **Class Representative (5th & 10th Grade):** 2-time elected class representative; managed school-level events and coordinated between students and faculty