

VISHNU MASHALKAR

Full Stack Developer | AI Engineer

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WORK EXPERIENCE

Full Stack Developer Intern — Euphoric Thought Technologies

Mar 2026 – May 2026

Bengaluru, Karnataka, India | On-site

- Built Eventara, a production-grade campus event management platform (registrations, wallet payments, waitlists, RBAC) serving **200+ students**.
- Designed REST APIs with Spring Boot + PostgreSQL/JPA, implemented JWT + BCrypt auth with Google OAuth domain restriction (@bmsce.ac.in).
- Engineered concurrent waitlist promotion using Hibernate flush/clear cycles; delivered animated QR tickets and branded HTML email notifications, cutting manual check-in time by **~40%**.

PROJECTS

PlaceWise — AI Placement Readiness Platform

2026

FastAPI • Next.js • LLaMA 3.3 70B (Groq) • Vector Embeddings • Python • PostgreSQL

- AI platform with **7,000+ organic impressions** at launch — scores resumes across CGPA, projects, DSA, and internships; generates company-fit analysis and curated roadmaps.
- Company Compatibility Engine** across 12 firms using per-company weight vectors; **ShareCard** feature for downloadable LinkedIn PNG score cards.
- Semantic resume-job matching via sentence-transformers + LLaMA 3.3 70B; Groq key rotation for rate-limit resilience. Pro tier (**₹99/mo**) planned at 500+ users.

Eventara — Campus Event Management SaaS

2026

Spring Boot • PostgreSQL • JWT • Next.js 14 • Tailwind CSS • Railway • Vercel

- Centralized platform for event registrations, wallet payments, and multi-role dashboards (Admin / Organizer / Student) — deployed and live.

CampusMart — Student Peer-to-Peer Marketplace

2025

MERN Stack • MongoDB • Express.js • React • Node.js

- P2P campus marketplace with auth, product listings, search, and CRUD; optimized MongoDB queries for faster interactions.

TECHNICAL SKILLS

Languages: Java, Python, C, TypeScript, JavaScript, C++

Frontend: React, Next.js 14, Tailwind CSS, Framer Motion, HTML, CSS

Backend: Spring Boot, FastAPI, Node.js, Express.js, REST APIs, JWT, JPA/Hibernate

Databases: PostgreSQL, MongoDB, MySQL, Supabase

AI / ML: LLM Apps, Prompt Engineering, Vector Embeddings, Sentence-Transformers, Groq API, Gemini API

Tools & Cloud: Git, GitHub, Railway, Vercel, Maven, Postman, Docker (basic), IntelliJ, VS Code

EDUCATION

BMS College of Engineering, Bengaluru

Jul 2024 – Present

B.E. in Computer Science Engineering | CGPA: **9.6 / 10.0**

ACHIEVEMENTS & LEADERSHIP

- Senior Tech Core — Protocol Club** (shortlisted 7 from 50+ candidates in R2 technical interviews).
- LeetCode: **1580+ contest rating** | **220+ problems** solved; consistent NeetCode 150 practice.
- 3 hackathons: built **Engram** (AI coding memory via pgvector + Groq) and **BorderSync** (Digital Border Mgmt with Gemini API) under 24-hour sprints.