

Bhargavaram Krishnapur

Computer Science Engineer · Technical Operations · Product Management · Cross-Functional Execution

bhargavaramkrishnapur@gmail.com Thane, Mumbai, India linkedin.com/in/bhargavaram-krishnapur
github.com/Codex-Crusader

Computer Science engineer delivering across the full build-to-business stack: production ML and data tools, ERP digitization and quality assurance, and operations, product, and sponsorship strategy for startups and 80+ person teams. Founded an open-source developer community and ranked **17 of 4,000** at IIT Bombay's National Entrepreneurship Challenge 2025. Equally effective writing the code behind a product and translating it for non-technical stakeholders.

Top 0.5% RANK 17 / 4,000 · IIT-B NEC	₹22L+ SPONSORSHIPS RAISED	80+ TEAM LED, 1-MO TIMELINE	6 PRODUCTION ML / DATA TOOLS
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◆ PROFESSIONAL EXPERIENCE

Technology & Operations Intern, Sanjay Electrical Enterprises May 2026 – Jun 2026

- Led **end-to-end ERP digitization** (QA, billing, documentation) and delivered a vendor-evaluated ERP platform now adopted for rollout, plus the owner's automation roadmap now guiding ongoing strategy.
- Designed a tap-first square-foot billing model and process redesigns that **cut manual effort** across billing, costing, quotations, and tender tracking.
- Logged **50+ bugs and security issues** as actionable tickets, authored adopted finance and compliance guides (GST, Ind AS 115, MSMED Act), and digitized tender handling across **3+ sites**.

Founder, The PulseEngine Mar 2026 – Present

Founded and scaled an invite-only open-source developer community to **10+ active members** across a GitHub org and Discord under an MIT license.

Operations Co-Head, Kanyathon (Mumbai Division) Oct 2024 – Dec 2025

Led **80 volunteers** on a one-month timeline, running **100+ CSR outreaches** that drove **₹20L+** in sponsorships and full end-to-end event execution.

Sponsorship Manager, Vijaybhoomi E-Cell Sep 2024 – Present

Secured **₹2L+** in sponsorships for Elevate 2.0 and drove roadmap planning that advanced the team to the **IIT Bombay E-Summit finals**.

Brand Partnership Management Intern, Medinventory Jan 2026 – Mar 2026

Researched **30+ brands**, pitched **60+ prospects**, and closed **12 sponsors** while owning pitch materials, onboarding, and execution.

Outreach Manager, FundNexus Pvt. Ltd. Mar 2025 – Dec 2025

Partnered with the CEO on investor pipeline and strategy: sourced **30+ startups**, grew the investor network by **250+**, and advanced **20+ deals** to contract-ready via a centralized deal tracker.

SIP Volunteering Intern, DBM India May 2024 – Jun 2024

Co-designed a Grades 1–5 education pipeline, profiled **150+ students** across 3 communities, and shipped **2 guides** adopted by **30+ staff**.

◆ PROJECTS

- NCAA Basketball Outcome Predictor** (*ETL, Flask, Scikit-learn, MLOps*): self-improving system that auto-fetches ~2,900 NCAA games, trains 6 ML models, and deploys the best by **ROC-AUC ~0.74** with automated retraining, versioned registry, and rollback.
- Market Intelligence Platform** (*Multiprocessing, Sentiment Analysis*): real-time dashboard scoring **24 assets** from -10 to +10 on price and live news sentiment, scanning every 30 minutes with explained signal drivers and no paid APIs.
- AZLite Chess Engine** (*MCTS, Neural Network, RL*): Monte Carlo Tree Search engine with a neural policy/value network reaching **~1000-1400 Elo** on CPU-only self-play at 100-200 games/hour.
- Self-Evolving Neural Network Simulator** (*Neuroevolution, Simulated Annealing*): sandbox where a network mutates its own topology, activations, and weights, running 150 generations in 2-8 seconds with live visualization.
- Image Protector** (*Python, Adversarial ML, Anti-Scraping*): shields images from scraping and ML analysis in 0.15-1.6s at **35-40 dB PSNR**, imperceptible to humans while disrupting AI models.

◆ SKILLS & CERTIFICATIONS

Core Concepts: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks
Languages & Tools: Python, SQL, Git, Linux CLI, Docker, Infrastructure as Code (IaC)
Data & Analytics: NumPy, Pandas, Scikit-learn, XGBoost, Matplotlib, Plotly, Streamlit, EDA, ML (Classification, Clustering, NLP)
Operations & Product: ERP Implementation, Quality Assurance, Vendor Evaluation, Requirements & Feature Specs, Process Improvement, Technical Documentation, Roadmapping, Sprint Planning, KPI Tracking, Stakeholder Communication
Business & Finance: Billing Systems, Cash-Flow Analysis, Indian Compliance (GST, Ind AS 115, MSMED Act, RA Bills), Sponsorship & Partnerships, Investor Outreach
Certifications: ISC² Certified in Cybersecurity (2024), Google Cloud Cybersecurity (2025), IBM Data Engineering (2025)

◆ EDUCATION

B.Tech, Computer Science
Vijaybhoomi University, **GPA 8.1** · Sep 2024 – Present
Organizations: OWASP (Open Source Contributor), VU Newsletter (Student Journalist), Wikipedia (Volunteer Editor)

◆ AWARDS

- Rank 17 / 4,000**, National Entrepreneurship Challenge 2025, IIT Bombay E-Cell (6-month nationwide competition).
- Volunteer of the Month**, DBM India, Jun 2025 (SIP performance as Vijaybhoomi University representative).