




VARAD RAUT

✉ varadisthedev@gmail.com  [linkedin.com/in/varad-raut-](https://www.linkedin.com/in/varad-raut-)  github.com/varadisthedev  varadraut.dev

Education

Ramdeobaba University — CGPA: 8.6

June. 2024 – May 2028

Bachelor of Technology in Computer Science (Artificial Intelligence & Data Science)

Nagpur, Maharashtra

Experience

GeeksForGeeks Campus Body RBU

Aug 2025 – Present

Frontend Developer — UI/UX

Nagpur, Maharashtra

- Built responsive React + Tailwind interfaces and reusable component systems in a multi-developer Git workflow.
- Designed UI flows in Figma and converted them into scalable production-ready components.

Google for Developers AI-ML Virtual Internship

July 2025 – September 2025

AI / ML Intern

Virtual

- Completed a 10-week AI-ML internship focused on TensorFlow-based Computer Vision, Object Detection, and Image Classification.
- Implemented model training pipelines and transfer learning workflows through hands-on labs and guided projects.

Projects

Peafowl | *MERN, Socket.io, Redis, JWT, MongoDB*

May 2026

- Built a scalable real-time chat platform inspired by modern messaging systems using MERN, Socket.IO, and Redis Pub/Sub architecture.
- Implemented bidirectional WebSocket communication with online presence tracking, typing indicators, and persistent one-to-one messaging.
- Integrated Redis adapter for distributed socket event handling and optimized backend architecture for scalable real-time communication.
- Secured application using JWT authentication, modular middleware pipelines, and rate limiting for stable production-ready performance.

Hawkins Heist | *React, Node.js, MongoDB, Socket.io*

January 2026

- Built a real-time multiplayer platform supporting 500+ concurrent users using event-driven WebSocket architecture.
- Implemented rate limiting, JWT authentication, and optimized MongoDB schemas for secure and scalable gameplay.
- Deployed production-ready frontend with stable performance during live competitive event.

WALL8 (Live) | *MERN, Chart.js, Clerk, Gemini AI*

December 2025

- Developed a full-stack MERN expense tracker with real-time updates and glassmorphism-based UI.
- Integrated Gemini API for AI-powered spending insights and built interactive dashboards using Chart.js.
- Implemented Clerk authentication with OAuth and JWT; optimized MongoDB aggregation queries.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, C++, SQL

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

Backend: Node.js, Express.js, REST APIs, Socket.io

Databases: MongoDB, Firebase

Tools: Git, GitHub, Postman, VS Code, Figma, Linux

Concepts: Authentication, API Design, MVC Architecture, System Design Basics

Leadership / Extracurricular

Advantage Vidarbha 2026 – IoT Innovation Pitch

2026

Shortlisted Finalist & Patent Applicant

Nagpur, Maharashtra

- Shortlisted to pitch a hybrid IoT + MERN platform to 600+ attendees; integrated ESP32 with Node.js backend for real-time sensor data visualization.
- Filed a utility patent for the IoT hardware architecture and system model.

ByteQuest 2026 – AI Vibe Coding Hackathon

2026

Organizer — GFG On-Campus Team

Virtual

- Organized and executed an online AI-focused hackathon with 2,100+ registrations.
- Led event architecture, coordination, and operations ensuring smooth participation experience.