

VAIBHAV BARIYAR

Founder @ Solace | Full-Stack Developer & UI/UX Designer | B.Tech CSE, MIT ADT University
Pune, Maharashtra, India | +91 9430698561 | vaibhavbariyar178@gmail.com | [Linkedin](#) | [Github](#)

PROFESSIONAL SUMMARY

Computer Science undergraduate (B.Tech CSE, MIT ADT University, 2024–2028) with hands-on experience building and deploying **full-stack** and **AI-powered** web applications. **Founder of Solace**, a peer-to-peer student mental health support platform. Proficient in React/Next.js, Node.js/Express, REST API development, and Firebase authentication, with a strong parallel focus on **UI/UX design** — from wireframes to **production-ready interfaces**. Proven ability to independently scope, build, and ship **production-grade software**, backed by **Top 50/900+** placement at **Smart India Hackathon**.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL, C, C++, HTML, CSS

Frontend: React.js, Next.js, Tailwind CSS, Responsive UI/UX Design

Backend: Node.js, Express.js, Flask, FastAPI, REST APIs

AI / ML: PyTorch, Scikit-learn, TensorFlow, NumPy, Pandas, Generative AI

Databases & Auth: Firebase (Auth + Firestore), Supabase, SQL

Cloud & Tools: Vercel, Render, Git, GitHub, VS Code

Core Concepts: Full-Stack Development, Authentication, Agile Prototyping, API Integration, Product Design, Growth Strategy

WORK EXPERIENCE

Founder — Solace — Peer Support Platform May 2026 – Present

- Founded Solace, India's peer support platform connecting students with trained peer listeners for one-on-one emotional support via chat, video, or in person.
- Own end-to-end product vision and development (Next.js, Node.js), including anonymous peer-matching, moderated support channels, and crisis-resource signposting.
- Independently manage UI/UX design, zero-budget growth marketing, listener training, and session operations as sole founder; prioritized privacy, accessibility, and stigma-free design.

Frontend & AI Engineer Intern — MIT Institute of Design June 2026 (1 Month)

- Contributed to an AI-based recruitment portal for design students, integrating AI-driven candidate–recruiter matching logic.
- Built responsive frontend interfaces and collaborated with faculty and design teams to translate recruitment requirements into an intuitive digital platform.

Full Stack Web Developer — Self-Employed, Independent Contractor — Remote Sep 2025 – Dec 2025

- Independently planned, developed, and deployed a full-stack photography portfolio platform (NotSography) as a production-grade live project using Node.js and Express.js.
- Architected server-side logic, REST API layer, secure email handling (Nodemailer), and dynamic content/image delivery.
- Configured a production-ready deployment pipeline with third-party service integration for email and media management.

Interface Specialist — Freelance / Independent 2024 – Present

- Designed mobile app interfaces with clean, accessible layouts and strong visual hierarchy.
- Created wireframes and high-fidelity UI screens balancing user needs with business goals, applying usability testing and responsive design principles.

PROJECTS

Personal Finance Learning & Simulation Platform — *Next.js, Firebase, Tailwind CSS* 2025 – Present

- Built a student-focused fintech education platform featuring budgeting, SIP, credit, and emergency-financial simulations with interactive learning modules.
- Integrated Firebase authentication with protected routes and user profile management; architected modular user flows to simplify complex financial concepts.

Emergency Response Management System — *HTML, CSS, JavaScript* 2024

- Built a web-based platform to coordinate emergency response operations and centralize incident information management.
- Structured core data architecture supporting emergency workflows, reporting, and real-time updates.

Stress2Health — *Flask, HTML, CSS, JavaScript, Python* 2026

- Built a data visualization tool mapping relationships between stress indicators and health outcomes for academic research.
- Implemented a Flask backend with a structured data pipeline to process and serve health datasets.

NotSoGraphy — Photography Portfolio Website — *HTML, CSS, Tailwind CSS, JavaScript* 2024

- Shipped a live, fully responsive photography portfolio with user-centered layouts and attention to visual hierarchy, page speed, and cross-device accessibility.

CERTIFICATIONS

- Introduction to Cybersecurity — Cisco Networking Academy *Jun 2026*
- Securities Markets Primer (SMP) — National Institute of Securities Markets (NISM) *Mar 2026*
- Financial Literacy Course for Bharat — National Institute of Securities Markets (NISM) *Mar 2026*
- Generative AI: Introduction and Applications — IBM *Feb 2026*
- AI For Everyone — DeepLearning.AI *Feb 2026*
- The Bits and Bytes of Computer Networking — Google *Jan 2026*
- Introduction to Web Development — University of California, Davis *Dec 2025*
- Web Development (Web For Everyone Workshop) — TechFerment *Sep 2024*
- Game Development Workshop — Arcade Game Development Club, MIT ADT University *Oct 2024*

EDUCATION

B.Tech in Computer Science & Engineering — *MIT ADT University, Pune 2024 – 2028*

CGPA: 8.42 / 10.0

ACHIEVEMENTS & AWARDS

- Ranked Top 50 out of 900+ teams university-wide at Smart India Hackathon (SIH), competing across all engineering disciplines.
- Delivered multiple fully functional prototypes across hackathons and academic projects, consistently meeting deadlines.