Keval Ambani

📞 +91-7439459385 ✉ ambanikeval2@gmail.com in LinkedIn ⌗ GitHub 🌐 Portfolio

Summary

Hi, I'm a Computer Engineering student at Thapar University who believes code is the closest thing we have to superpowers. I love turning ideas into real-world products—whether it's crafting sleek web apps with **Next.js** and React or building solid backends with **Node.js** and Express. I've explored the crossroads of tech, design, and business through projects and internships (like Leadership Boulevard), where I contributed to product design and content creation. Always curious and slightly obsessed with solving problems, I enjoy learning new technologies and creating tools that make an impact.

Education

Thapar Institute of Engineering and Technology, Patiala, Punjab — 2023 – 2027
B.E. Computer Engineering

Delhi Public School, Ruby Park, Kolkata, West Bengal — 2018 – 2022
CBSE X: **92%** | CBSE XII: **93%**

Projects

PresGen (AI Presentation Builder) 🌐 — *2025*
Tech Stack: Next.js, Node.js, Express, Tailwind CSS, Konva.js, AI Agents
- Engineered a cutting-edge AI-powered platform that **auto-generates, edits, and styles presentations** within minutes.
- Built a modular **slide rendering engine with Konva.js** for real-time, canvas-based editing.
- Integrated custom AI agents for content generation and design assistance, providing a near-human creative experience.
- Focused on scalability and performance by optimizing rendering logic and caching strategies in Next.js.

RuppeeFlow (Expense Tracker) 🌐 — *2025*
Tech Stack: React.js, Node.js, Express, MongoDB, Tailwind CSS
- Designed and developed a full-stack app for **tracking income, expenses, and real-time analytics**.
- Built a secure dashboard with **JWT authentication and protected routes**, ensuring user privacy.
- Implemented visual transaction insights and history to improve financial decision-making.

Zentry (Animated Web Experience Remake) 🌐 — *2025*
Tech Stack: React.js, GSAP, CSS, JavaScript
- Reimagined an Awwwards-winning interactive experience with high-end motion design and fluid transitions.
- Utilized **GSAP** for seamless, scroll-triggered animations and immersive user interactions.
- Optimized animation performance to achieve smooth, native-like transitions across devices.

Technical Skills

Languages: JavaScript (ES6+), C++, Python, HTML5, CSS3 **Frontend:** Next.js, React.js, Tailwind CSS, GSAP, Responsive UI/UX

Backend & APIs: Node.js, Express.js, REST APIs, OAuth, JWT, WebRTC **AI:** AI Agents, Prompt Engineering **Databases:** PostgreSQL, MongoDB (Basics)

DevOps/Tools: Git & GitHub, Vite, Netlify, Postman, VS Code

Awards and Achievements

- **Semi-Finalist** – Hindustan Petroleum Case Study Competition (Feb 2025): Ranked in **top 50 teams** nationally (100,000+ entries) for ideating **Navjivan**, a biodegradable waste management solution for rural areas.

- **Curriculum Developer Intern** – Leadership Boulevard (Mar–Aug 2024): Designed leadership modules and educational content to enhance teamwork and personal growth.

Experience

Software Engineering Intern – Neural Network Labs — Jun 2025 – Jul 2025
Tech Internship
- Collaborated with a team to develop and integrate core modules into the main codebase.
- Enhanced backend services and optimized APIs for seamless integration and scalability.

Mentor – Frosh Thapar — Jun 2024 – Sep 2024
Event Coordination & Student Mentorship
- Guided new students during admission and hostel allocation; coordinated events with a team of 80.

Core Member – ACM Thapar — Jun 2024 – Present
Community & Event Management
- Engaged in technical workshops and member outreach to drive community participation.