

DHRUV PATEL

Ahmedabad | +91 8320445975 | ai.drpatel@gmail.com

[LinkedIn](#) • [Portfolio](#)

SUMMARY

AI Engineer and UX Developer with over 1.5+ years of experience building intelligent, user-centric solutions. Passionate about leveraging machine learning, computer vision, and modern web technologies to develop innovative AI applications and streamline automation workflows.

TECHNICAL SKILLS

- Languages/Frameworks:** Python, JavaScript (ES6+), React.js, HTML5, CSS3, Tailwind CSS, Bootstrap CSS
- Tools:** N8N, Git, Firebase, Figma, Adobe Photoshop, Adobe Dreamweaver, Canva Creator
- Core Competencies:** AI & ML, Automation Workflows, UI/UX Design, Frontend Architecture

WORK EXPERIENCE

UXTech | Ahmedabad, India [Founder & AI Engineer]

Dec 2025 – Present

- Architected and deployed a frontend design startup, managing the full-cycle transition from core infrastructure development to a live production environment in April.
- The project involves developing a responsive, scalable user-centric platform and interfaces, alongside automated workflows using N8N and AI for invoicing, onboarding, and scheduling.

360Design Company | Ahmedabad, India [React Intern]

Jun 2024 – Oct 2024

- Designed and built dynamic user interfaces using React.js, ensuring highly responsive and interactive layouts across multiple devices.
- Collaborated on modern frontend component-based architecture and development workflows to improve codebase consistency and maintainability.

BrainyBeam Company | Ahmedabad, India [Web Design Intern]

Jul 2023 – Aug 2023

- Assisted in the design and development of responsive web layouts employing essential web technologies, specifically HTML, CSS, and JavaScript. This involvement included creating adaptable and user-friendly designs that optimize functionality across various devices.

PROJECTS

Fix Lens - AI Analysis Tool

[Link](#)

- Developed an advanced AI-powered lens tool for real-time camera analysis and object detection.
- Demonstrated AI integration within a standard web environment to deliver immediate visual data insights.

DuoTask

[Link](#)

- Built a Progressive Web App (PWA) inspired by WhatsApp for collaborative task management.
- The application include features for real-time updates, notifications, enhance productivity & user communication.

Path Optimization in Robotics

[Github](#)

- Developed a hybrid navigation engine using A* search and (APF) to overcome local minima in path planning.
- Engineered a high-performance dashboard to visualize 3D cost landscapes and real-time gradient descent via WebSockets.

AI Code Companion

[Github](#)

- AI Code Companion is a sophisticated web-based IDE assistant that integrates AI capabilities to help developers with various coding tasks. From explaining complex code to generating documentation, debugging, and optimizing performance, this tool is designed to enhance your development workflow.

EDUCATION

B.Tech in Artificial Intelligence & Machine Learning

2025 – 2028

JG University

Diploma in Information Technology

2022 – 2025

Ranchhodlal Chhotalal Technical Institute (GTU)