

KARTIK VEGAD

Developer & Designer

Contact

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Ahmedabad, Gujarat

About Me

I am a designer and developer with a focus on building intuitive, user centered digital experiences that combine strong design with reliable engineering and applied artificial intelligence. I work at the intersection of product vision, design thinking, development and machine learning to turn ideas into scalable and intelligent solutions. I value leadership, collaboration and continuous growth, with a focus on creating products and services that deliver impact.

Education

Degree:

B. Tech. in Computer Science and Engineering
with Honours in AI and Data Science
Silver Oak College of Engineering and Technology
Graduation Year: 2026

Scores/Grades:

- High School: 67%
- CGPA: 8.58
- No academic backlogs

Languages:

- Gujarati
- Hindi
- English

Experience

- * Graphic Designer | TEDxSilverOakUniversity | September 2023
 - Designed impactful event visuals and strengthened identity through collaborative creative execution.
- * Secretary | Silver Oak University IEEE Computer Society Student Branch Chapter | 2024
 - Managed documentation, coordinated events and streamlined communication across stakeholders.
- * Secretary | Silver Oak University IEEE Student Branch | 2025
 - Oversaw branch wide communication across teams and committees to ensure clarity and coordination.
 - Developed strong people management, public communication and organisational skills through continuous collaboration with members, faculty and external professionals.
- * AI & ML Intern | Sahana System Limited | November 2024 – February 2025
 - Worked on production level AI and machine learning projects involving data processing, model training and evaluation.
 - Collaborated with cross functional teams to implement and deploy ML driven solutions using supervised learning, NLP and predictive analytics techniques.
- * AI & ML Intern | Sahana System Limited | January 2026 – June 2026
 - Working on end to end machine learning workflows including data collection, data preprocessing, model training, evaluation and optimisation.
 - Implementing supervised and unsupervised learning algorithms for real world problem statements.
- * Sr. Creative Media Executive | Silver Oak University IEEE Student Branch | January 2026 – June 2026
 - Led creative strategy, mentored team members and executed media initiatives to enhance branding, engagement and visual communication.

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Skills

Technical Skills:

- Programming: Python, C, Java, JavaScript
- Web: HTML5, CSS3, React
- Data Handling: NumPy, Pandas
- Visualisation: Matplotlib, Seaborn
- ML & DL: Scikit Learn, TensorFlow, PyTorch
- Domains: Machine Learning, Deep Learning, Computer Vision
- Model Development: Training, Evaluation
- Tools: VS Code, PyCharm, Jupyter Notebook, Git, GitHub

Designing Skills:

- UI/UX Designing: Figma, Framer, Wix Studio, WordPress
- Graphic Designing: Adobe Illustrator, Adobe Photoshop, Adobe After Effects, Canva
- Wireframing and Prototyping
- Responsive Design Principles
- Design Systems and Visual Hierarchy

Soft Skills:

- Leadership, Adaptability, Team Management, Logical Reasoning, Interpersonal Skills, Content Writing, Problem Solving, Time Management, Communication Skills, Decision Making

Major Projects

* NETRA: Face Recognition Based Attendance System

- Developing an automated identity recognition system using deep learning based face recognition to detect and identify registered users in real time.
- Designing a pipeline that captures frames from CCTV cameras, performs face detection, generates embeddings and matches them against a database of registered members.

* DOT.

- A design focused digital venture where we build and refine user centric web experiences.
- The platform emphasises clarity, consistency and usability, while continuously evolving through iterative design and real world application.

Blogging and Writing

I actively write blogs on Medium to document my learnings, reflections and personal experiences. Writing helps me organise my thoughts clearly and improves how I communicate ideas with others. I explore and write about the concepts, technologies and ideas I encounter while learning and experimenting across different domains.