

RAGHAV KHATRI

☎ +91 7984642440 — ✉ khatriraghav14@gmail.com — 🔗 LinkedIn — 🐙 Github — 🌐 Portfolio — 📍 Surat, Gujarat, India

Education

Sardar Vallabhbhai National Institute of Technology(S.V.N.I.T), Surat <i>B. Tech Electronics and Communication Engineering CGPA: 8.32 upto 5th Semester</i>	November 2022 - 2026 <i>Gujarat, India</i>
Ashadeep International School,Surat <i>GSEB Class XII Percentage 83.54 %</i>	June 2021 - June 2022 <i>Gujarat, India</i>

Projects

Snaply - (Full Stack Social Media App) : [Live] [Source Code] <ul style="list-style-type: none">Built a responsive social media platform using Vite, React, TypeScript, and Tailwind CSS, implementing features like post creation, infinite scrolling, and post engagement tracking.Integrated Appwrite backend and optimized performance with TanStack Query for efficient state management and real-time updates.Tech Stack: Vite + React + TypeScript, Tailwind CSS, Appwrite, TanStack Query, React Router, React Hook Form.	<i>Dec 2024 – Jan 2025</i>
Image Feature Detection System(using Hough Transform) : [Source Code] [Report] <ul style="list-style-type: none">Implemented Hough Transform using Python, NumPy, and scikit-image for detecting geometric shapes in images.Applied to real-world scenarios including road lane detection and medical imaging, documented in IEEE-format report.Tech Stack: Python, NumPy, Matplotlib, scikit-image.	<i>Oct 2024 – Nov 2024</i>
LiveTab Peek : [Live] [Source Code] <ul style="list-style-type: none">Developed a Picture-in-Picture (PiP) web tool using JavaScript, HTML, and CSS for viewing browser tabs in floating windows.Implemented cross-browser support and always-on-top functionality for enhanced multitasking experience.Tech Stack: JavaScript, HTML5, CSS3, Picture-in-Picture API, Web APIs.	<i>Jun 2024 – Jun 2024</i>
Expense Mate : [Live] [Source Code] <ul style="list-style-type: none">Built a responsive expense tracker using React.js and Firebase, featuring real-time updates, user authentication, and PDF export.Implemented cross-device compatibility and intuitive UI for efficient financial management.Tech Stack: React.js, Firebase, React Router, PDF generator API.	<i>Apr 2024 – May 2024</i>

Technical Skills

Languages & Frameworks: C++, JavaScript, TypeScript, Python, React.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS

Developer Tools & Databases: Git, GitHub, VS Code, Firebase

Core Competencies: Data Structures, Algorithms, Problem Solving, Web Development

Positions of Responsibility and Experience

ACM NIT SURAT <i>Executive</i> <ul style="list-style-type: none">Led an Hour of Code session for primary students, introducing them to programming and web development basics. Inspired young minds and promoted digital literacy through interactive teaching methods.	Sep 2023 - May 2024 <i>Gujarat, India</i>
Subject Matter Expert at Chegg <i>Advanced Engineering Mathematics</i> <ul style="list-style-type: none">As a freelancer at Chegg, I specialize in Advanced Engineering Mathematics, providing clear explanations and solutions to help students grasp challenging concepts and excel in their studies.	Feb 2023 - May 2024 <i>Remote</i>

Achievements

- 2nd Runners-Up, Casception:** Presented an innovative idea to enhance an existing business.
- Among Top 5 Team, Epiphany:** Achieved top 5 placement in a DSA problem-solving contest among 50 teams from college.

Coding Profiles

- Codeforces:** Achieved **1067** Maximum rating
- Leetcode:** **200+** DSA Problems Solved with currently 1400+ highest rating.
- CodeChef:** **1580** maximum rating, with a rank of **204** in one of the contests.

Hobbies: Photography