



Harshit Bhalani *Mern Stack Developer*

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HarshitBhalani

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Ahmedabad, India

Portfolio Website

Career Objective

Motivated and detail-oriented IT student, currently pursuing a degree in Information Technology, with project-based experience in full-stack web development. Completed an internship focused on the MERN Stack (MongoDB, Express.js, React.js, Node.js) and earned certifications in HTML, CSS, and JavaScript through Udemy. Skilled in developing responsive user interfaces, implementing backend functionality, and deploying full-featured web applications. Participated in 3+ hackathons focused on solving real-world problems, gaining hands-on exposure to collaborative development and rapid prototyping. Technical abilities demonstrated through internship projects and personal GitHub work, reflecting a strong problem-solving mindset and a passion for modern web development.

Education

06/2023 – Present
Ahmedabad

Bachelor of Engineering (B.E.) – Information Technology
SAL Collage of Engineering - 8.04 CGPA

Bhavnagar

Diploma in Information Technology
Sir Bhavsinhji Polytechnic Institute(BPTI) - 7.84 CGPA

Bhavnagar

10th
B N Virani School

Technical Skills

Languages & Web Technologies: HTML5, CSS3, JavaScript ES6+, TypeScript

Front-End Tools: React.js, Bootstrap, Tailwind CSS, Responsive Design

Back-End Tools: Node.js, Express.js, RESTful APIs, CRUD, Authentication (JWT, OAuth)

Database: MongoDB, Mongoose, Firebase, MySQL

Deployments: Git, GitHub, Netlify, Render, Vercel

Tools & Platforms: VS Code, Postman, npm

Other Skills: Problem Solving, Debugging, Version Control, Data Structures and Algorithms, Agile Methodology

Projects

Blogify

Blog Management Web Application

Developed a full-stack blog web application using MERN stack with complete CRUD functionality for blog posts. Integrated Gemini AI for automated content generation and blog post creation. Implemented reusable React components (BlogList, BlogDetail, CreateBlog, EditBlog) with React Router navigation. Features include AI-powered content generation, blog creation, editing, listing, and detailed view with mobile-responsive design and RESTful API integration.

PerplexityAI Clone

AI-Powered Search Application

Developed a full-stack web application that replicates Perplexity AI's core functionality using Next.js 14, TypeScript, and Tailwind CSS. Integrated OpenAI GPT API for intelligent response generation and Tavily Search API for real-time web source citations. Features include AI-powered search with streaming responses, source attribution, and responsive design with Shadcn/ui components.

Web-IDE

Full-Stack Online Code Editor with Real-Time Preview

Developed a modern web-based IDE inspired by CodePen, enabling users to write, edit, and preview HTML, CSS, and JavaScript code in real-time. Built with Next.js 14, TypeScript, and Tailwind CSS, featuring a multi-tab interface, syntax highlighting, auto-save functionality, and responsive design. Implemented mobile-responsive layout and seamless deployment on Vercel with optimized performance and cross-browser compatibility.

Helmet Compliance Monitoring System [↗](#)

AI powered Computer Vision-Based Workplace Safety Monitor

Built a computer vision safety monitoring system under Intel AI for Manufacturing initiative, automatically detecting helmet compliance violations in real-time using deep learning. Implemented with Python, TensorFlow, and Streamlit featuring live camera integration, batch processing, and automated violation logging.

BH Digital Solutions [↗](#)

Professional Digital Agency & Web Development Services Platform

Developed a digital agency website using HTML, CSS, JavaScript with chatbot integration, offering digital marketing services including social media management, Facebook/Instagram ads, lead generation, SEO, web development, and graphic design. Features portfolio management, responsive design, and secure client inquiry systems.

Hidden Vibes Website [↗](#)

Business Website for Bike Shield Canopy Brand (Freelance Project)

Developed a responsive website for *Hidden Vibes* as a freelance project, handling end-to-end execution. Built the layout using HTML, CSS, and JavaScript, ensuring cross-device compatibility. Integrated WhatsApp chat support and a functional contact form to enhance user interaction. Additionally, managed domain configuration and hosting setup, delivering a complete and fully deployed website tailored to the client's needs.

Training & Internships

MERN Stack Developer Internship

Full-Stack Developer Intern | 15 Days (2nd July – 16th July)

- Developed a full-stack web application using MongoDB, Express.js, React.js, and Node.js
- Implemented user authentication, CRUD operations, and RESTful APIs
- Applied frontend/backend integration, API testing, and component-based architecture
- Used Git for version control and deployed the project on a cloud platform
- **Daily work reports and details** [↗](#)

Internship / Skill-Based Training

Intel AI for Manufacturing | Duration: 14 Weeks (22nd February - 2nd June) [↗](#)

- Completed a 14-week intensive internship focused on AI applications in manufacturing
- Gained hands-on experience with Python, TensorFlow, OpenCV, and Teachable Machine
- Developed foundational and applied knowledge in machine learning and computer vision
- Worked on real-world use cases demonstrating AI-driven solutions in industrial settings
- **Weekly Assessments and Project Reports** [↗](#)

Courses & Certificates

Intel AI for Manufacturing [↗](#)

Collaboration between Intel India and Gujarat Technological University (GTU)

Deloitte - Technology Job Simulation [↗](#)

forage.com

HTML, CSS, & JavaScript - Certification Course for Beginners [↗](#)

Udemy

Learn Bootstrap - For Beginners [↗](#)

Udemy

JavaScript & jQuery - Certification Course for Beginners [↗](#)

Udemy

Languages

- English
- Hindi
- Gujarati

Hobby

- Chess