

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, SQL, Python (Basic)

Frontend: React.js, Tailwind CSS, ShadCN UI, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs, Authentication, JWT

Database: MongoDB, Postgres

Tools: Git, GitHub, Postman, Vercel, Render, VS Code, Docker, Jupyter, Kaggle, CloudFlare (Tunnel, DNS)

Core CS: Data Structures, Algorithms, OOP, DBMS, Operating System, Computer Network

WORK EXPERIENCE

SoftPro India

Software Development Intern

—Sep 2024 – Dec 2024

- Developed and maintained responsive web applications using HTML, CSS, JavaScript, React.js, Node.js, and MongoDB.
- Integrated RESTful APIs and optimized backend processes for improved performance.
- Enhanced backend efficiency by **optimizing database queries** and API logic for faster response times and reduced cloud resource consumption.

TECHNICAL PROJECTS

Creator - Content Creation with AI

Live at: creatorai.sidd Patel.com | GitHub: [/creatorai](#)

Oct 2025 – Nov 2025

- Built a full-stack AI content generation platform using Next.js and Convex.
- Implemented authentication and user management using Clerk.
- Integrated Gemini API for generating articles, images, and creative content with real-time previews.
- Added role-based access, cloud-hosted database, and media handling using ImageKit and Unsplash.

Chatify – Real-Time Chat Application

Live at: [Chatify](#) | GitHub: [/chatify](#)

Jun 2025 – July 2025

- Designed and developed 10+ scalable RESTful APIs using Express.js to support core chat application features.
- Implemented JWT-based authentication and authorization to secure user sessions and private chat channels.
- Enabled real-time bi-directional messaging using Socket.IO with optimized WebSocket connection lifecycle management.
- Integrated MongoDB for secure user data management and persistent storage of chat history across sessions.

ML Chatbot

Live at: [portfolio.sidd Patel.com](#) | GitHub: [Chatbot](#)

Nov 2025-Dec 2025

- Built a self-hosted AI chatbot using FastAPI and deployed it via a permanent Cloudflare Tunnel to avoid traditional cloud hosting costs.
- Resolved real-world deployment challenges including CORS preflight failures, CDN caching conflicts, and API endpoint mismatches to achieve production stability.
- Embedded the chatbot as a JavaScript widget in a portfolio site with API-key authentication, strict CORS policies, and environment-based secret management.
- Technologies: FastAPI, Cloudflare Tunnel, JavaScript Widget, CORS, API Security, CDN

TECHNICAL ACHIEVEMENTS & CODING PROFILES

- **3 star (max rating: 1672)** at [GeeksForGeeks](#), and (max rating: 1558) at [LeetCode](#) .
- **150+** problems solved on [LeetCode](#) and [CodeForces](#) .
- Built an AI-powered Discord chatbot at the Code Slush Hackathon ([Credential Link](#))
- AWS Gen AI Certification : ([Certificate Link](#))

EDUCATION

Bundelkhand Institute of Engineering and Technology

Bachelor of Technology in Computer Science & Engg, GPA: 7.05

Jhansi, UP

Sep 2023 – May 2026

Govt. Polytechnic Meerut

Diploma, Percentage: 73

Meerut, UP

Aug 2019 – Jun 2022