

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: AWS(Basic), GitHub, Postman, Render, Zapier, Docker, Jupyter, Kaggle, CloudFlare (Tunnel, DNS)

ML Tools: Scikit-learn, Matplotlib, Jupyter, Kaggle, Hugging Face, RAG PipeLines

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.siddpatel.com | GitHub: [/creatorai](https://github.com/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](https://chatify.siddpatel.com) | GitHub: [/chatify](https://github.com/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 – Personal website bot

Live at: [Chatbot](https://chatbot.siddpatel.com) | GitHub: [/Chatbot](https://github.com/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](https://www.geeksforgeeks.org/), solved different data structure problems
- **200+** problems solved on [LeetCode](https://leetcode.com/) and [CodeForces](https://codeforces.com/).
- 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

Jhansi, UP

Bachelor of Technology in Computer Science & Engg, GPA: 7.4

Sep 2023 – May 2026

Govt. Polytechnic Meerut

Meerut, UP

Diploma, Percentage: 73

Aug 2019 – Jun 2022

SOFT SKILLS

- Communication, Teamwork/Collaboration, Leadership, Problem-Solving, Adaptability