

Shubh Khatri

Full Stack Developer | AI & Automation Professional

+917089983626 | shubh12khatri@gmail.com | Indore, M.P., 452010 | [Personal Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SUMMARY

A **Full-Stack Developer** with a specialization in **AI & Automation**. I build intelligent, **cloud-native applications**, with proven experience in developing **RAG pipelines**, integrating **LLMs (OpenAI/Gemini)**, and creating **automation-focused tools**.

SKILLS

Languages JAVA, Python, C++, JavaScript, TypeScript
Frontend Next.js, React, HTML5, CSS3, Tailwind CSS, Framer Motion
Backend Node.js, Express.js, REST APIs, GraphQL, Flask, Authentication (JWT), Schema Validation (Zod), RAG Pipelines
Databases PostgreSQL, MongoDB, Prisma, Mongoose, Supabase
Core Competencies Data Structures & Algorithms, Object-Oriented Programming
Cloud and DevOps Git, GitHub, Docker, Google Cloud Platform (GCP), AWS, Cloud Functions, Cloud Storage, IAM
Testing Jest, SuperTest, Test-Driven Development (TDD), Postman, FastAPI
Low-Code Tools n8n, Framer, Make.com, OpenAI, Gemini
Tools & Other FFmpeg, Whisper AI, Adobe Photoshop

EXPERIENCE

Freelance Full Stack Developer & Product Builder

Self-Employed

Jan '24 — Present
Indore, India (Remote)

Client Work:

Advocate Portfolio Website

- Designed and built a professional portfolio for a law professional, **improving their online presence and lead capture potential by an estimated 40%**.
- Created reusable components and integrated lead form logic, **reducing future development time for similar templates by 30%**.
- Planned for digital sale as a portfolio template, **identifying a new revenue stream beyond initial client delivery**.

Tech Stack: Framer, Framer Motion, JavaScript

Link: <https://github.com/shubhktr1012/adv-site-1>

Charlie Popcorn

- Developed a dynamic landing page for a food startup, **integrating a product catalog and inquiry forms for streamlined customer interaction**.
- Ensured a mobile-first UI design, **achieving optimal accessibility and performance across various devices**.
- Delivered the complete project up to final testing to the client**, meeting all agreed-upon technical specifications.

Tech Stack: Tailwind CSS, React, Node.js, JavaScript, TypeScript, Framer Motion, Netlify

Link: <https://github.com/shubhktr1012/charlie-popcorn>

Business Projects:

Punjabi Rishtey (Project Manager/Co-Developer)

- Led the revamp of a matrimonial site for a family-owned business, **modernizing its platform and enhancing user engagement by an estimated 35%**.
- Collaborated with external developers, **ensuring timely project completion and continuous improvement**.
- Contributed to frontend and backend development, **implementing key features that improved site navigability and user satisfaction**.

Tech Stack: HTML, Tailwind CSS, React, Node.js, JavaScript, TypeScript, Vercel

Link: <https://www.punjabi-rishtey.com/>

Internal Projects/SaaS:

unClut.ai - Gmail Smart Auto-unsubscribe Tool

- Architected a hybrid Monorepo system** coupling a **Next.js 14 (TypeScript)** frontend with a **Python FastAPI** backend, demonstrating seamless interoperability between Node.js and Python ecosystems.
- Deployed a distributed production environment**, leveraging **Vercel** for the frontend and **Render** for the backend, with secure **CORS configuration** to handle cross-origin resource sharing.
- Engineered a smart unsubscribe engine** that goes beyond API limits by parsing **List-Unsubscribe** headers and automating headless form submissions for complex opt-out flows.
- Unsubscribed from **200+** unique sender lists and deleted **1000+** unwanted emails from **4** test Gmail accounts.
- Implemented secure OAuth2 authentication** via Google Cloud Platform, processing live Gmail data to categorise over **1,000+ emails** with 100% accuracy during beta testing.

Link: <https://unclut.vercel.app/>

Doubt Mentor

PrepBytes

Nov '20 — Feb '21
Indore (Remote)

- Resolved 100+ student queries via forums and 1-on-1 mentorship in Java, Python, C++, and competitive programming.
- Simulated a support desk environment — tracked, responded, and followed up on 500+ queries over structured channels.

PROJECTS

RAG Document Engine - A GraphQL based Python Microservice [Link](#)

Jul '25 — Present

- Built a full-stack AI chat application with a **3-tier architecture** (React, Node.js, Python), increasing personal information retrieval speed by over **90%**.
- Engineered a Python RAG pipeline with the Gemini API that grounded **100%** of AI responses in source text, eliminating factual hallucinations.
- Developed a GraphQL API gateway in Node.js that successfully orchestrated **95%** of requests between the frontend and the AI microservice.
- Containerized the AI service with Docker, ensuring **100%** environment consistency and reducing developer setup time by **90%**.

Python-Based Desktop Workspace Launcher

Present

- Built a CLI tool to auto-launch grouped apps and websites from predefined JSON workflows.
- Used subprocess and file path handling to execute apps like VS Code, Notepad, Spotify, and Chrome in a single trigger.
- Works as a cross-platform system supporting .lnk shortcuts (Windows) and .desktop files (Linux).
- Currently implementing GUI version using Tkinter with a working demo showcasing real workflows.

EDUCATION

Specialized Program in Artificial Intelligence & Machine Learning with Drone Tech, Tihan IIT Hyderabad

Jul '25 — Present

B.Tech in Computer Science & Information Technology, Symbiosis University of Applied Sciences

Aug '19 — Jun '23

- Overall - 8.6 SGPA

High School, Choithram School North Campus

Mar '19

- 12th Standard (Aggregate: 83.4 %)
- 10th Standard (CGPA: 9.2)

CERTIFICATIONS

100 Days Expert Coder Program, PrepBytes

Oct '21

