

RESUME

Vikas Tomar

SOFTWARE ENGINEER

I am a software engineer. I build the software that carries a company's routine, repeated work: AI agents and assistants, integrations between the tools it already runs, automation that executes on schedule, and the web, desktop, and data systems that support them. You get working software that does the job consistently and tells you when it cannot, with its source and documentation, so it keeps running after I have handed it over.

scrocle.cloudhire@scrocle.cloud[Telegram](#)[GitHub](#)[PDF](#)[✉ Contact](#)

EXPERIENCE

2026



Hidden Leaves Independent engineer SHIPPED

A live website for booking stays and tours. Guests, staff, and admins share one product. You can open a demo.

[Next.js](#)[TypeScript](#)[Prisma](#)[NextAuth](#)hiddenleaves.scrocle.cloud

Autonomous AI agent operations Builder and operator IN PRODUCTION

Autonomous AI agents that take repetitive business work off your team: run jobs on a schedule, call real tools and systems, and alert you when something fails. Built and operated the same way as the agent that powers this site.

Hermes

MCP

LiteLLM

cron

scroble.cloud/demo/multi-agent



PixPolorer Independent engineer IN PROGRESS

A Windows program for a large photo and video library that already lives on the computer, including files that should never go to the cloud.

Qt 6

C++

Rust

SQLite



Hermes Android Independent engineer IN PROGRESS

A phone app for talking to an AI agent you run yourself. Built for a locked session, not a browser tab on a phone.

Kotlin

Jetpack Compose

WebSocket



PwnLink Independent engineer IN PROGRESS

A phone app for running a Raspberry Pi when you are away from a desk. Bluetooth, location, a connection that survives the screen turning off.

Kotlin

Bluetooth

GPS



Ingestion Independent engineer LABORATORY

A pattern for fetching pages, checking them, dropping duplicates, and parking bad records instead of mixing them with good ones.

[Python](#)[Camoufox](#)[SQLite](#)[Docker](#)

Sales email to ShipStation Independent engineer LABORATORY

A sales email comes in. The app extracts the address and line items, checks them, then either builds simulated ShipStation order and label JSON or holds the message. You can click it. It does not post to a live store.

[Python](#)[FastAPI](#)[Pydantic](#)

scrocle.cloud/demo/shipstation



Telegram agent walkthrough Independent engineer LABORATORY

A guided, interactive walkthrough of a Telegram agent stack: session memory, intent routing, specialist hand-off, and model failover. Click a scenario and watch each stage work.

[Python](#)[FastAPI](#)[MCP](#)

scrocle.cloud/demo/multi-agent



Jobs Engine Independent engineer LABORATORY

You type a title, skills, and location. The page ranks a frozen set of public remote jobs, shows why each one scored, and downloads the same rows as Excel. Matching is a keyword rubric, not a model. You can click it.

Python

FastAPI

scrocle.cloud/demo/jobs-engine

2025



Process automation suite Independent engineer SHIPPED

Fifteen workflows between CRM, email, and accounting so leads and invoices are no longer entered by hand in three places.

n8n

REST APIs

Webhooks



E-commerce data pipeline Independent engineer SHIPPED

A daily job that collects competitor prices from storefronts and writes a table. Retries when a site changes. No one copies cells by hand.

Python

BeautifulSoup

Selenium



Sales data analysis Independent engineer SHIPPED

Seven months of sales records turned into a model and a dashboard. The client still opens it each quarter.

Power BI

SQL

Excel



Technical SEO audit tool Independent engineer SHIPPED

Eleven on-page and crawl checks, then a ranked list of fixes. Built to run again after a template change, without a monthly SEO product.

Python

BeautifulSoup

JSON



Content production pipeline Independent engineer SHIPPED

A queue for scheduled publishing across a few brand voices, with a check before anything is marked ready. The client still owns the writing.

Python

n8n

SEO

CORE SKILLS

01 AI assistants & chatbots

AI assistants that answer customer and internal questions, qualify enquiries, and hand off to a person, built on real LLM and retrieval pipelines.

LLM & RAG pipelines

Chatbot & assistant development

Natural language interfaces

Conversation memory & hand-off

Prompt engineering

Embeddings & semantic search

FastAPI

02 AI integration

Models and agents wired into the CRM, inbox, and accounting tools you already run, so data moves between them automatically.

API integration

Model routing & failover

MCP (Model Context Protocol)

Tool calling

Webhooks & event automation

OpenAI-compatible APIs

LLM operations

03 Business automation

Scheduled jobs and workflows that run on their own and alert your team when something fails.

Workflow automation

Scheduled automation

Alerting & notifications

Retry & error handling

API integrations

Webhooks

n8n

04 Web products

Full-stack web applications with real accounts and server-side rules, so access stays enforced and data stays protected.

Full-stack web development

Next.js / TypeScript

React

Auth & user roles

Databases & SQL

Web APIs

Server-side security

05 Desktop & Android

Native applications that run on real devices and keep data safe on the machine.

Native desktop apps (Qt / C++)

Android development (Kotlin / Compose)

Rust (systems programming)

SQLite & local databases

Data encryption & secure storage

Desktop & mobile engineering

06 Data systems

Web and internal data turned into clean, repeatable tables, reports, and dashboards a team can act on.

Python / SQL

Data analysis & reporting

Data pipelines & automation

Web scraping & data extraction

Power BI

Browser automation (Playwright)

Docker & deployment

EDUCATION

2024 - Present

MCA, Machine Learning & Artificial Intelligence

Amity University Uttar Pradesh, Noida

2021 - 2024

BCA, Bachelor of Computer Applications

Amity University Uttar Pradesh, Noida • First Division, 8.49 CGPA • Data Science and AI electives