

GAURANSH AHUJA

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TECHNICAL SKILLS

Languages JavaScript, Python, C++, SQL

Backend Node.js, Express, REST APIs, Socket.io, JWT / RBAC

Frontend React, Vite, Tailwind CSS

Data & Cloud MongoDB, SQLite, Firestore, Google Cloud Run, Firebase, Docker

AI OpenAI & Gemini APIs

PROJECTS

ProjectHub — Multi-Tenant Business Management SaaS

[Live demo ↗](#)

React • Node.js • Express • MongoDB • Socket.io • Firebase

- Architected a multi-tenant SaaS giving each company an isolated workspace, with 4-tier server-side RBAC (Owner / Admin / Manager / Member) across projects, HR, and inventory modules behind one auth system.
- Implemented bcrypt + JWT auth and Google / GitHub social login with cross-provider account linking, plus invite-based onboarding via role-scoped, expiring links.
- Added real-time presence, live activity feeds, and AES-256-GCM-encrypted team chat over Socket.io; hardened the API with Helmet and rate limiting.

ScraperPro — Web-Scraping SaaS with AI Listings

[Live ↗](#)

Node.js • Express • OpenAI • Google Cloud Run • Firebase • Razorpay

- Scaled a live web-scraping SaaS to 5,000 concurrent users/day, where each user can scrape up to 85,000 Amazon and 80,000 eBay product URLs/day and auto-generate 40,000 Shopify listings from them — with OpenAI-written listings and Razorpay payments.

Shopify Listing AI — Catalog & SEO Pipeline

[GitHub ↗](#)

Node.js • Express • SQLite • Google Gemini • Google Cloud Run

- Built an automated cataloging pipeline that scrapes Shopify and Amazon products and uses Google Gemini to generate SEO copy, alt text, and taxonomy-validated categories with zero human intervention, exporting ready-to-import CSVs.

Jarvis — Offline AI Voice Assistant (English + Hindi)

[GitHub ↗](#)

Python • Vosk • OpenCV

- Built a fully offline voice assistant (English + Hindi) using Vosk speech recognition and OpenCV computer vision — face-recognition login, real-time hand- and eye-tracking cursor control, a gesture-driven “magic mode”, and 24 voice skills, packaged as a standalone executable.

EXPERIENCE

Software Developer — Nova Web Innovations

Mar 2026 – Present

- Designed a real-time pricing algorithm comparing 5 international couriers (DHL, UPS, India Post, +2) over volumetric-weight and weight-slab lookups with fuel-surcharge and GST logic — returning the cheapest of all quotes instantly.
- Cut quote latency to near-zero by running the pricing computation client-side against a cached Firestore rate store, eliminating the round-trip to the legacy Node / Express backend.
- Built role-based access (User / Manager) on Firebase Auth with a Manager-only rate editor and Firestore security rules, plus a live Three.js 3D parcel preview of billable weight.

Associate Research Analyst — Highspring Ind LLP

Nov 2025 – Mar 2026

- Processed and structured multi-source datasets into clean, query-ready form for downstream analysis and reporting pipelines.

Web Developer Intern — CodSoft

Jul 2025 – Aug 2025

- Built a full-stack MERN application (React, Node.js, Express, MongoDB) in a 4-week internship, implementing REST APIs and a normalized MongoDB schema end-to-end.

EDUCATION

Master of Computer Applications (MCA) — Manipal University Jaipur

Expected 2027

Bachelor of Computer Applications (BCA) — Sri Dev Suman Uttarakhand University

Sep 2022 – May 2025