Abhinav Krishna P

Software Engineer / Automator

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Summary

Full-Stack Software Engineer with 1.5 years of industry experience, having shipped 2 production-grade Shopify applications and a Chrome extension. Hands-on experience with RAG, LLM fine-tuning, AWS deployment (EC2, load balancer), and workflow automation. Maintains strong engineering discipline beyond work, with 100+ LeetCode problems solved and active GitHub contributions .

Skills

Programming & Stacks: HTML5, CSS, JavaScript, TypeScript, React.js, Node.js, Python, LangChain
Databases: MySQL, MongoDB, Firestore, Vector DB (Pinecone,Qdrant), OracleSQL, Postgres, Neo4j
Platform & Tools: Shopify, Supabase, Firebase, Zapier, N8N, PostHog
Deployment & Monitoring: AWS, EC2, Git, Docker, DigitalOcean, REST APIs, GraphQL
AI & Automation: Claude, Playwright, RAG Pipeline, LLM Fine-Tuning, Prompt Engineering, MCP.

Professional Experience

Acodez IT Solutions Link **June 2025 – ongoing**
Software Developer/ Automation Tester *Calicut, Kerala*

- Engineered and published **2 production-grade Shopify applications** : AI-powered shopping assistant and a dynamic product filter and search — actively serving **100 + global merchants** built on React.js and Node.js and Shopify APIs.
- Developed and shipped **N8N Copilot** — a Chrome extension leveraging AI to assist users in constructing n8n automation workflows — scaled to **8,000 + installs** and **1,000 + active users** with a sustained **4.5 Chrome Web Store rating**.
- Automated **end-to-end UI and load testing** for production Shopify applications using **n8n**, **Playwright**, and **K6**, ensuring stable weekly releases across merchant-facing stores.

Projects

Aco Product Filter & Search | *React.js,Node.js,Postgres* **June 2026 – Oct 2026**

- Built a **Shopify app** on top of Remix.js and TypeScript, injecting dynamic product filters across collection and search pages, featuring **30+ customizable UI settings** and real-time analytics and session replays via **PostHog**.
- Implemented a **zero-server-hit filter architecture** using Shopify **Metafields and Storefront API**, eliminating redundant server requests on filter hits which reduce **latency** from 200ms to 30ms
- Integrated a **RAG pipeline with Pinecone** vector database and used **ConversationBufferMemory** in LangChain to maintain conversation history.
- Built a **K6 load testing n8n workflow** triggered via Discord commands that automatically sends **real-time traffic** to the storefront using our filters and posts the analysis report to Discord.

YumFindAI - Agentic AI | *React.js, LangChain, Node.js, Supabase* **Feb 2026 – Ongoing**

- Architected **YumFindAI**, an agentic food-discovery engine where **Gemini function-calling** autonomously orchestrates **SerpApi** Google Maps, reviews, and directions endpoints across an 8-turn search-read-judge-rerank loop.
- Engineered a **Taste Twins** pipeline scoring reviewer-taste similarity to re-rank results, plus menu-photo price extraction and **Google Lens** dish recognition, streaming live agent traces via **NDJSON**.

N8N Copilot - Chrome Extension | *Node.js, HTML, CSS, JS, Firebase* **Jul 2025 – Dec 2025**

- Engineered an **AI-powered Chrome Extension** that converts natural language prompts into **N8N workflow JSON** and injects it directly into the N8N workflow panel, eliminating manual workflow building for automation engineers. Built completely using **JavaScript** and **Node.js**. Designed a **Playwright optimization and regression testing N8N workflow** to ease my unit testing process

Awards & Certifications

- **MERN Stack Certificate – Jspiders(2025):** Completed foundational and advanced full-stack development course with an industry level project completion
- **Vector search with RAG / Introduction to Playwright – Simplilearn 2026:** Covered foundational understanding on RAG and Playwright

Education

B.Tech Mechanical Engineering **Graduated: 2024**
Jyothi Engineering College, Thrissur *CGPA: 6.2 / 10*