

GULSHAN KUMAR

Full Stack Engineer & AI Application Engineer

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PROFILE

Final-year Computer Science student and full-stack engineer with hands-on experience building React and Next.js interfaces for AI-driven and data-heavy products, including SaaS dashboards, RAG-powered assistants, and API-connected web applications. Comfortable across the stack — from component-level UI to backend APIs and database design — with a focus on shipping clean, minimal, production-ready software. Quick learner, reliable with deadlines, and eager to contribute to an MVP-stage engineering team.

EXPERIENCE

Frontend Developer — Horquva

Jul 2026 – Sep 2026

- Contributed to the front-end and experience design of CASTOR v1.0, Horquva's AI Experience Engineering Platform, working across AI experience architecture and conversation/context design.
- Delivered structured documentation and workflow specifications covering executive AI workflows and platform review/readiness reporting.
- Collaborated directly with the founding team to shape user-facing AI experience flows for the platform.

RELEVANT PROJECTS

DevPilot AI — Dashboard for AI Codebase Review SaaS — Next.js 14, FastAPI, Prisma, JWT Auth

- Built the dashboard UI used to trigger reviews, track workflow status, and display AI-generated outputs in real time.
- Connected frontend views to FastAPI endpoints for authentication, repo data, and review results.

SuperMart POS — Billing & Point-of-Sale System — React (Vite), Node.js/Express, SQLite

- Built a clean, minimal billing interface designed for fast, error-free use at checkout.
- Wired the React frontend to Express REST APIs for live inventory, sales, and receipt data.

Sage — AI Support Assistant / RAG Platform — Next.js, Node.js, TF-IDF vector search, SQLite

- Built a knowledge-base ingestion system (URL, text, file, and Q&A sources) with automatic chunking and vectorization for retrieval.
- Built a chat playground and an analytics dashboard tracking messages, conversations, indexed documents, and satisfaction.

TECHNICAL SKILLS

Languages & Core: JavaScript (ES6+), TypeScript, HTML5, CSS3, Responsive & Mobile-First Design

Frontend: React.js, Next.js, Tailwind CSS, Framer Motion, React Three Fiber

Backend & Data: Node.js, Express, Prisma, PostgreSQL, MongoDB, Redis, FastAPI (basic), REST APIs, JWT auth

AI/Agents: LangChain, LangGraph, RAG pipelines, Claude API integration

Tools & Practices: Git/GitHub, VS Code, Vite, Docker, deployment workflows, component-driven UI, dashboard & data-table design

EDUCATION

BS Computer Science — Bahria University, Karachi

Sep 2022 – 2026

Final Year Project: “Intelligent 2-Axis Camera Monitoring Platform” (Raspberry Pi, YOLOv8, ArcFace, real-time pan-tilt UI control)

CERTIFICATIONS

- HP LIFE — Data Science & Analytics (2025); AI for Beginners (2025)
- Anthropic — Claude with Amazon Bedrock; Model Context Protocol: Advanced Topics
- Forage Job Simulations — JPMorgan Chase & Co. (Software Engineering), Deloitte (Cyber), BCG X (GenAI), Skyscanner (Front-End Software Engineering), Y Combinator Startup (Software Engineer), Siemens (Project Manager)

LANGUAGES

English • Urdu • Sindhi • Marwari