

GULAM ABUL KHASIM

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PROFESSIONAL SUMMARY

Full-Stack Engineer and Product Designer with hands-on production experience building SaaS platforms, real-time systems, and AI-integrated products from architecture to deployment. Engineered a 25% reduction in logistics delivery time, Real-time multiplayer quiz engine consistently shipping clean, secure, scalable systems. 5x national hackathon winner.

WORK EXPERIENCE

Software Development Engineer I

October 2025 – Present

[EdMentor](#) - Remote

[live](#)

- Architected a multi-modal SaaS quiz creation engine supporting AI-assisted generation, PDF/CSV bulk upload, and curriculum-mapped question selection — reducing quiz setup time by 90% compared to manual entry.
- Engineered real-time multiplayer sessions with instant participant join via QR scan, host controls question flow with live leaderboard updates after every question, synced in real-time across all participants with low latency.
- Architected a scalable SaaS billing system with monthly subscriptions and pay-per-use top-up plans.

Software Development Engineer - Intern

September 2024 – February 2026

[Kakud Post Harvest Pvt. Ltd.](#) - Hubli, India

1. Kakud Agri - Agricultural Product Management System

[live](#)

- Built a role-gated CMS admin panel for product, article, and event publishing — consolidating 200+ SKUs in a single interface. Provided users with advanced browsing, search, filtering, and PDF download of product listings.

2. Piroutes - Logistics platform with real-time in-transit vehicle booking and tracking

[live](#)

- Engineered a real-time logistics platform using the Google Distance Matrix API, handling concurrent "in-transit" vehicle booking system, live vehicle availability updates, and multi-role dashboards.
- Designed a custom route-optimisation algorithm that cut delivery times by 25% by dynamically computing the lowest-cost path across village clusters based on real-time distance data.

3. Supply Chain Management System

[live](#)

- Architected a multi-tenant supply chain ecosystem with granular RBAC for seamless inventory allocation across 15+ franchise without permission conflicts. And CRM engine with automated lead triggers, templated workflows.
- Built real-time revenue and profit dashboards for Administrators and Franchises, surfacing actionable KPIs and reducing manual reporting overhead by weeks.
- Automated end-to-end incentive and task-tracking workflows across 25+ Field Executives and 5+ Sales Executives and 20+ task types, auto-generating incentive points on franchise sales and eliminating manual effort entirely.

4. B2B e-commerce platform

[live](#)

- Architected a scalable B2B e-commerce ecosystem connecting small retailers with suppliers.

Freelance Full Stack Developer

June 2024 - August 2024

[TSIC Education](#) - Remote

[live](#)

- Designed and shipped an end-to-end online learning platform from scratch, enabling TSIC to digitize its course catalogue and onboard learners without third-party LMS dependency.

ACHIEVEMENTS

Won multiple hackathons including Anvesana-2k24 (PESITM), INTERFACE-2K24 (Christ University), ENIGMA-2K24 (Jyothi Institute), HacktoFuture 3.0 (SJEC Mangalore), Inceptrix 2k25 (Jain Global Campus) and more.

SKILLS & TECHNOLOGIES

Core & Languages	TypeScript, JavaScript, C++, Data Structures & Algorithms
Frontend & UI/UX	Next.js, React.js, Tailwind CSS, GSAP, Framer Motion, React-Redux, Recoil, Figma
Backend & Database	Node.js, Express.js, FastAPI, PostgreSQL, Prisma, Knex, MongoDB, Redis, WebSocket
Tools & DevOps	Docker, AWS (EC2, S3, CloudFront), GCP, CI/CD (GitHub Actions), Postman, GitHub
Other	REST APIs, GraphQL, gRPC, RAG, Razorpay, OAuth2, Jest, SEO, RBAC, Gen AI, VectorDB

EDUCATION

Year	Degree	Institute	CGPA
2023-2026	Bachelor of Engineering (Computer Science)	GM Institute of Technology - Davanagere	8.8
2020-2023	Diploma in Computer Science	Government Polytechnic - Harihara	9.5