

# KHUSHBOO CHAUDHARY

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## PROFESSIONAL SUMMARY

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Full Stack Developer experienced in building scalable production web applications across frontend, backend, and cloud infrastructure. Skilled in developing SaaS platforms, optimizing system performance, and implementing secure real-time systems. Strong experience with React, Next.js, TypeScript, Node.js, and modern backend architectures with a focus on maintainability, reliability, and performance.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Java, Python

**Frontend:** React.js, Next.js, TanStack Query, Redux, Tailwind CSS, HTML, CSS

**Backend:** Node.js, Express.js, NestJS, REST APIs, GraphQL

**Databases:** MongoDB, MySQL, Supabase, Prisma ORM

**Cloud & DevOps:** AWS, GCP, DigitalOcean

**Tools:** Git, Docker, Redis, BullMQ, WebSockets, CI/CD Pipelines

## WORK EXPERIENCE

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**Full Stack Developer — GreyAxis**

2024 – Present

- Contributed to the development of the **Ruta Workforce Management Platform**, a multi-role SaaS system supporting customers, administrators, and field crews, built using React, TypeScript, NestJS, Prisma, Supabase, and GCP.
- Developed scalable frontend modules and integrated them with backend APIs, improving system maintainability and accelerating feature delivery.
- Implemented **authentication and role-based access control (RBAC)** to enable secure multi-role access across customer, admin, and crew applications.
- Improved real-time job updates and crew activity tracking, contributing to approximately **30–35% improvement in operational workflow efficiency**.
- Built reusable and modular UI components following clean architecture practices, reducing code duplication and improving long-term maintainability.
- Collaborated closely with backend and QA teams to debug production issues and optimize API performance, improving system responsiveness and reliability.
- Designed and implemented a **secure real-time chat system** using NestJS, MongoDB, Redis, BullMQ, and WebSockets.
- Integrated **end-to-end encryption (Signal Protocol)** to ensure secure messaging with no plaintext message storage.
- Improved message throughput and background processing reliability by approximately **50%** using Redis-based queues and worker processes.

- Contributed to the development and revamp of the **Teedex image and jersey automation platform** built with React, TypeScript, TanStack Query, Express, and MySQL.
- Refactored frontend architecture and optimized Polotno-based rendering workflows, significantly reducing manual design effort and improving design generation speed.
- Implemented improvements to the bulk design generation pipeline, enabling faster creation of large volumes of personalized sports merchandise designs.

#### **Junior Software Developer — Syscon Infotech Pvt. Ltd.**

May 2024 – Oct 2024

- Assisted in developing logistics management tools and internal dashboards using **Next.js, Node.js, and MongoDB**, supporting operational workflows.
- Refactored legacy frontend components under senior guidance, reducing frontend bundle size by approximately **20%** and improving application performance.
- Built dynamic dashboards to visualize real-time operational data and improve internal decision-making.
- Collaborated with backend engineers and QA teams to debug production issues and optimize API performance, improving response time by approximately **30%**.
- Followed coding best practices and participated in code reviews to improve code quality, maintainability, and overall application stability.

#### **EDUCATION**

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**Master of Computer Science** — University of Mumbai

2022 – 2024

**Bachelor of Science (Mathematics)** — Annasaheb Vartak College

2019 – 2022

CGPA: 8.93

#### **CERTIFICATIONS**

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Python for Data Science — ExcelR

Full Stack Web Development — ExcelR

Generative AI — Microsoft & LinkedIn

Statistics — University of Mumbai