Shubham Chaudhary

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TECHNICAL SKILLS

- **Frontend :** React.js, Next.js, JavaScript, TypeScript, Redux, Tailwind, HTML5, CSS3
- **Backend :** Node.js, Express.js, REST API, PostgreSQL, WebSocket
- **DevOps & Cloud :** Docker, Nginx, CI/CD, AWS, Git
- **AI Tools :** Cursor, Claude, Chat GPT
- **Desktop Apps :** Electron.js

Experience

- **Koru UX** **May 2026 - Sept 2026**
  Frontend Developer (Full-time) *(5 Months) Pune, Maharashtra*
  - Contributed as a **Frontend Developer** on **Agent Fabric UI**, a React 19+ TypeScript enterprise web application built with Vite, Mantine, and Redux Toolkit Query, enabling teams to configure, test, qualify, and govern AI agents across their full lifecycle, leveraging **Cursor AI-assisted development** to accelerate implementation and delivery.
  - Developed **Trust Studio** verification UI for testing AI agents across Identity, Consistency, Boundary, and Evidence "gates," surfacing per-scenario pass/fail results and gate-level qualification status, leveraging **Cursor for AI-assisted coding, debugging, and iterative development**.
- **Quokka Labs** **Sept 2022 - March 2026**
  Software Engineer (Frontend Developer, Full-time) *(3.5 years) NOIDA, U.P.*
  - Engineered a US-based race registration and results platform ***RUNTHEDAY*** using **Next.js, React.js, JavaScript, TypeScript, HTML, CSS, Tailwind, Material-UI and Redux**, enabling real-time multi-role interactions.
  - Implemented **WebSocket** for live race result updates and used **Firebase** for secure OTP-based authentication and user onboarding.
  - Developed a cross-platform **Windows and Linux Desktop Application** for ***EDIQUE*** with **auto-update, auto-start** functionality using **Electron.js, Node.js, React.js, and TypeScript**, enabling accurate logging of power on/off and sleep/wake events in **Electron-store**.
  - Built ***SPORTZENTRIC***, an online sports batch creation-registration platform and its Admin Panel using **React.js**, enabling coaches to manage training batches and athletes to join sessions, with secure onboarding via **Firebase OTP**.
  - Utilized **JavaScript, React.js, React Hook Form, HTML, CSS** for seamless and scalable front-end development.
  - Created, Implemented and updated backend **REST APIs** using **Node.js**, **Express.js**, and **MongoDB** during critical production support for ***RUNTHEDAY***
  - Containerized applications using **Docker** for local development and deployment consistency.
  - Gained hands-on exposure to **AWS EC2** for hosting environments, **S3** for storage handling, and **Lambda** for serverless function basics.
- **Riviera Home Furnishings** **June 2020 - June 2022**
  Maintenance Engineer (Mechanical, Full-time) *(2 years) Panipat, Haryana*
  - **Led and supervised** a team of 10+ technicians in production and preventive maintenance operations.
  - Performed **Preventive and Breakdown** maintenance.
  - Cross-functional **Teams Coordination** to analyze failures and implement corrective actions.

Projects

- **Agent Fabric :** Enterprise platform for building, governing, and monitoring AI agents across their full lifecycle; a single React.js and TypeScript web app spanning agent configuration, workflow building, governance policies, pre-release testing and certification, and production monitoring
- **CloudPrep :** AWS Certification Exam Simulator. Built a full-length timed mock exam engine with a 2,000 question bank and learning mode with instant explanations. Designed a **Supabase** backend with **Postgres** and Added an opt-in AI-proctored exam mode with in-browser computer vision (MediaPipe).
- **BrowseAnywhere :** An enterprise level browser created to keep privacy and manage hierarchical level access built with Electron.js, React, Tailwind, and Node.js
- **Run The Day (RTD) :** US-based Race creation, publishing and registration platform for marathons and viewing live results, supporting multiple roles (Race Directors, Runners, Volunteers) with real-time, WebSocket driven interactions.
- **Edique :** Cross-platform **Windows and Linux** desktop app built with **Electron.js** that tracks system activity and streams power logs and timestamps to a server every minute.
- **SportZentric :** Sports platform connecting coaches and players, allowing coaches to create paid training batches that players can discover and join.

ACHIEVEMENTS

- **Star Performer of the Month – Quokka Labs (April 2024) :** Recognized for delivering high-impact features on the **EDIQUE** project under tight deadlines, demonstrating strong ownership and problem-solving skills.

Education

- **Amity University Online** — Noida, U.P., India
  Master of Business Administration (Dual Specialization — IT & Data Analytics) — *July 2025 - July 2027*
- **Vidya College Engineering** — Meerut, U.P., India
  Bachelor of Technology - Mechanical Engineering — *June 2013 - June 2017*