

# Aditya Maurya

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## EDUCATION

### Central University Of Rajasthan

*Bachelor of Technology in Computer Science and Engineering*  
– **CGPA:** 8.66 (Till 3rd Sem)

Ajmer, Rajasthan

Aug 2023 – May 2027

### Chandra Public School

*Senior Secondary (XII), Math and Science Stream*  
– **Board:** CBSE    **Percentage:** 84.2%

Mau, Uttar Pradesh

2022

## EXPERIENCE

### Software Engineer Intern - Hooman Digital

Oct – Nov 2025

- Worked on AI-driven products using **MCP** and **AI SDK**, building and integrating intelligent chat and automation workflows
- Contributed to the **Nosana-deployer MCP** project and its chat integration
- Integrated **Stripe** payments to [chartor.ai](https://chartor.ai), including secure checkout flows and webhook handling
- Designed, containerized, and deployed services on **AWS ECS** with **Secrets Manager**
- Built **CI/CD pipelines** using **GitHub Actions** for automated production deployments
- Worked across **Next.js**, **Express.js**, and **Electron.js**, improving stability and developer experience

### Freelance Full-Stack Developer - Hyper Digital

Jan 2025

- Designed and developed a responsive, SEO-optimized business website using **Next.js** and **Shadcn UI**
- Built an internal **admin dashboard** to manage and review multiple form submissions from the website
- Implemented secure document uploads to **AWS S3**, enabling structured storage and retrieval of files
- Integrated **Cal.com** for scheduling and automated contact workflows using **TypeScript** and **Nodemailer**

## PROJECTS

### TypeCast | *Tauri 2, Rust, React, Vite, Tailwind CSS, rdev*

- Built a cross-platform keystroke visualizer overlay for screen recording using **Tauri (Rust + React)**
- Implemented a global keystroke listener in **Rust** using **rdev**, emitting real-time events to the UI via Tauri window events
- Designed a transparent, click-through, always-on-top overlay visible across all workspaces and virtual desktops
- Added system tray controls to start/stop monitoring and manage application lifecycle
- Focused on privacy-first design with ephemeral in-memory events and zero disk or network logging

### ExpTrack | *Expo, React Native, Rust, Axum, SQLx, PostgreSQL*

- Developed a full-stack expense tracker with a **React Native (Expo)** mobile app and a **Rust (Axum)** backend
- Designed REST APIs using **Axum** with layered middleware, shared state management, and consistent responses via **IntoResponse**
- Integrated **PostgreSQL** with **SQLx** for type-safe queries and schema-driven data access
- Implemented secure local storage for authentication tokens and efficient data fetching using **TanStack Query**
- Built validated forms using **React Hook Form** with **Zod** and reusable native UI components

### Zapier | *Kafka, Turborepo, Next.js, TypeScript, Express, Prisma, Docker*

- Built an open-source automation platform with a trigger-action workflow model similar to Zapier
- Implemented event-driven processing using **Kafka** for reliable and scalable message handling
- Designed a modular monorepo architecture using **Turborepo** to support independent services

## TECHNICAL SKILLS

**Languages:** C/C++, Rust, Python, TypeScript, Golang, HTML/CSS, Bash

**Web 3:** Solana, Ethereum, @solana/Web3.js, Ether, Anchor, Solidity, Wallet Adaptors

**Frameworks:** React, Node.js, Next.js, ExpressJS, HonoJS, GraphQL, ESLint, Prettier

**Libraries:** TailwindCSS, Zustand, Socket.io, TanStack Query, Turborepo, Motion, Vitest, Jest

**Database:** PostgreSQL, MongoDB, Redis, MySQL

**Developer Tools:** Git, GitHub, VS Code, Postman, Linux, Slack

**DevOps:** AWS (S3, EC2, ECR, ECS, VPC, Secrets Manager, DynamoDB), Docker, Kubernetes, GitHub Actions, Apache Kafka, Prometheus, Grafana