

# SOUMYADIP MONDAL

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## EDUCATION

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**Kalinga Institute of Industrial Technology, Bhubaneswar**  
Bachelor of Technology, Computer Science and Engineering

2024 – 2028 (*Expected*)  
CGPA: 8.63/10.00

**Delhi Public School, Joka (South Kolkata)**  
Higher Secondary (Class XII CBSE)

2022 – 2024

## TECHNICAL SKILLS

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

**Frameworks & Libraries:** React, Next.js, Node.js, Express.js

**Databases & ORMs:** PostgreSQL, MongoDB, MySQL, Prisma

**UI & Design:** Tailwind CSS, HTML5/CSS3, Figma

**Cloud & DevOps:** Docker, Docker Compose, Kubernetes, Vercel, AWS, GitHub Actions (CI/CD)

**Monitoring & Observability:** New Relic, Prometheus, Grafana

**Version Control & Tools:** Git, GitHub, Postman

## PROJECTS

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### Cortex

April 2026 – Present

Next.js 16, React 19, TypeScript, Prisma, PostgreSQL, NextAuth.js, Tailwind CSS, Docker  [Live Demo](#)

Architected a multi-tenant SaaS event management platform with real-time ticket inventory tracking and organizational memberships.

Engineered transaction-safe database workflows with Prisma and a PostgreSQL adapter to eliminate overbooking during high-volume checkouts.

Implemented secure session validation and cross-tenant routing guards using edge-network NextAuth middleware.

Containerized the app with a multi-stage Dockerfile and Docker Compose, and automated CI/CD via GitHub Actions.

### DevLinks

April 2026

Next.js, TypeScript, PostgreSQL, Prisma, NextAuth, Tailwind CSS

 [Live Demo](#)

Architected a multi-tenant link management SaaS with custom onboarding and username reservation. Implemented multi-provider auth via NextAuth.js, supporting Google/GitHub OAuth and credentials login.

Designed relational Prisma models for efficient user profile and dynamic link storage.

Improved build stability by decoupling Client Components with React Suspense boundaries.

## EXPERIENCE

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### Software Engineering Enthusiast

Jan 2025 – Present

Open Source Contributor (Remote)

Building and implementing full-stack applications using modern web technologies.

Scaling backend services and responsive frontend interfaces as part of personal growth.

## VOLUNTEERING & INTERESTS

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Interests: Artificial Intelligence, Competitive Programming, UI/UX Design, Web Development