

# RUDRA SANKHA SINHAMAHAPATRA

Bankura, West Bengal, India

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Linked in

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## Education

### Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science and Engineering

CGPA : 8.24

Bhubaneswar, India

Sep 2022 - June 2026

## Technical Skills

**Languages:** C, Java, JavaScript, TypeScript, Golang, SQL

**Web Technologies:** React.js, Next.js, HTML5, CSS3, Node.js, Express.js, Hono.js, Tailwind CSS, Prisma, GORM, TurboRepo, Gin

**DevOps:** Docker, AWS, Cloudflare Workers, CI/CD

**Blockchain/Web3 Technologies:** Solana

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

**Tools:** Postman, Git, GitHub, VS Code, IntelliJ IDEA, Remix IDE, Rust Solana Playground

## Experience

### Full Stack Developer Intern

FirstList Technology Solutions Pvt. Ltd.

Dec 2024 – Present

Remote

- \* Engineered a scalable backend using **Node.js**, **Express.js**, and **MongoDB**, integrating **PhonePe** payment status updates and implementing PDF uploads to **Amazon S3**, improving transaction efficiency by 20%.
- \* Deployed backend services on **Amazon EC2** with **Nginx**, optimizing system performance and ensuring 99.9% uptime for over **1,000 monthly active users**.
- \* Enhanced frontend features using **React.js**, boosting UI responsiveness and user engagement by 30%.

## Projects

**BoostHub** | React Js, Prisma ORM, Postgre SQL, Node Js, Express JS, Tailwind CSS

June 2024 – July 2024

GitHub — Live

- \* Optimized user onboarding process, cutting registration time by **35%**, and fortified data security with **JWT**.
- \* Developed a high-performance backend with **Zod validation**, enhancing system reliability and scalability by **70%**.
- \* Integrated real-time feedback features with **React Toastify**, boosting user satisfaction by **40%** and improving communication between students and creators.

**Encorp AI** | Next.js, React.js, Node.js, Express.js, Golang, Redis, PostgreSQL, Prisma

Feb 2025 – Mar 2025

GitHub — Live

- \* Designed and built an AI-powered slide generator using **Gemini AI**, **Next.js**, **Node.js**, and **Golang**, streamlining content creation and reducing manual effort by **60%**.
- \* Optimized task processing with a **Redis-based queue** and **Golang worker**, reducing API latency by **40%**.
- \* Integrated **PDF and PPT exports** using **jsPDF** and **pptgenx**, boosting user engagement by **50%**.

**Xemen - Solana E-commerce** | React, Next.js, Solana, Prisma ORM, PostgreSQL

Aug 2024 – Sep 2024

GitHub — Live

- \* Utilized **Next Auth** to enable secure authentication across Google, Discord, and GitHub, streamlining user signup and reducing average onboarding time by **40%** across all three platforms.
- \* Integrated **Solana wallet** functionality, enabling users to generate wallets upon signup and facilitating **100+ transactions** on the **Solana Devnet**.

## Languages

Bengali, Hindi, English

## Achievements

- \* Secured **Top 20** position out of 100+ teams in the **100xDevs Solana Mini Hackathon**, winning **\$100**.
- \* Achieved **90+ day** GitHub streak with over **2000+ contributions** in **2024**.