RUDRA SANKHA SINHAMAHAPATRA

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Education

Kalinga Institute of Industrial Technology	Bhubaneswar, India
Bachelor of Technology in Computer Science and Engineering	*Sep 2022 - June 2026*

CGPA : 8.24

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	**Dec 2024 – June 2025**
FirstList Technology Solutions Pvt. Ltd.	*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**