

# Rudra Dey Sarkar

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## PROFILE SUMMARY

Passionate software developer skilled in **Next.js, Medusa.js, Strapi, MERN Stack**, and modern web technologies. Experienced in building **scalable interactive web apps**. Passionate about creating efficient, maintainable, and fast systems for global users.

## SKILLS

- **Front-End** :- Next.js, React.js, React Native, HTML5, CSS3, Tailwind CSS.
- **Back-End** :- Node.js, Express.js, Strapi, Medusa.js.
- **Databases, ORMs & ODMs** :- MongoDB, Mongoose, PostgreSQL, Drizzle ORM.
- **APIs** :- REST API, GraphQL API.
- **Programming Languages** :- JavaScript, Typescript.
- **Other Tools & Services** :- Git, GitHub, Github pages, AWS S3, AWS CloudFront, Cloudflare Pages, Vercel, Netlify.

## EXPERIENCE

**Freelance Software Developer** 📅 June, 2025 – Present 📍 Hong Kong, China (Remote) **WatchDen Limited**

- Led development of multiple modules for a **luxury watch E-commerce platform** and **Admin ERP panel** Next.js, Medusa.js, PostgreSQL.
- Engineered an automated localized URL system and regional cart/product synchronization based on **selected pricing regions**.
- Developed **auto multi-currency pricing engine** in Admin – entering one price auto-generates rest of prices using exchange rates.
- Built **Algolia-powered advanced search, sort, and filters** (price range, attributes) improving search accuracy and performance by **55%**.
- Developed **cart, wishlist, and quotation/negotiation system** supporting customer and merchant offers and counter-offers with quote expiry.
- Create **Source & Sell module** with multi-device image uploads via QR code linking between PC and mobile.
- Delivered customer profile management and transaction tracking modules.
- Implemented **Excel export** (excel.js) and **PDF for quotes and invoice generation** using Adobe APIs — automating previously manual processes, significantly improving efficiency and speed by **95%**.
- Integrated **Airwallex payments** into full checkout flow.
- Engineered marketing email automation module using Mailchimp, reducing manual effort by over 90%.
- Built admin user recruit and role assignment system in **Admin ERP panel**

**Software Developer Intern** 📅 April, 2025 – June, 2025 📍 Hong Kong, China (Remote) **WatchDen Limited**

- Built **sortable image management system** using dnd-kit, Shadcn components.
- Optimized **data tables** with TanStack for custom filters and searches.
- Secured and optimized media controlling via **AWS S3 + CloudFront signed URLs** with custom local caching system, reducing **content delivery latency by 50 – 75%**.

**Full Stack Developer Intern** 📅 September, 2024 – November, 2024 📍 Haryana, India (Remote) **SaraTech**

- Developed an EdTech platform for students and tutors using Next.js, Tailwind CSS and Strapi.
- Implemented **manual (email/password) and OAuth 2.0 (Google)** authentication & authorization with RBAC.
- Built user profile and syllabus management modules, build auto notes completion using context based AI generation for notes module.
- Replaced outdated libraries and functions with modern alternatives, reducing vulnerabilities and **optimizing bundle size by 20%**.

## EDUCATION

**Bachelor of Computer Applications (BCA)** 2021-2024  
Institute of Computer and Information Sciences **Percentage :- 67.25%**

## PROJECTS

- 📁 **Portfolio** :- Personal portfolio showcasing skills, projects, and experience.
- 📁 **JobDrop** :- JobDrop Easy, minimal and branded job board experience for companies and candidates.
- 📁 **GoalFocusedMind** :- Advanced task tracker for goal planning and productivity.
- 📁 **Rock Paper Scissors Game** :- Simple player vs computer web game.

## CERTIFICATES

- 1 Day Workshop Of Responsive Web Designing Certification, Swadesh Software Pvt. Ltd. 2022 :- [Certificate Link](#)
- Diploma In Computer Application(DCA) Certification, NBCE, 2020 :- [Certificate Link](#)

## DECLARATION

I, Rudra Dey Sarkar hereby declare that the above mentioned details are true to the best of my knowledge and belief.