# Sudip Kumar *Software Engineer*

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## 👤 Profile

Full Stack Developer with 2+ years of experience designing and developing scalable web applications using Spring Boot, React.js, and the MERN stack. Proficient in building robust backend architectures, designing RESTful APIs, managing databases, and implementing secure authentication systems. Skilled in integrating frontend interfaces with backend services to deliver end-to-end, production-ready solutions. Strong advocate for clean code, system design, and collaborative development within cross-functional teams.

## 💼 Professional Experience

**Configuration Engineer,** *Aitanaa (Client:TCS)*                                            09/2024 – 05/2025
Noida, India
- Developed internal web interfaces using React.js to support configuration workflows in the BSNL 4G project.
- Built dynamic, responsive dashboards to visualize and manage telecom configuration data.
- Implemented component-based architecture for reusability and performance.
- Enhanced user experience with optimized React state management.
- Collaborated with cross-functional teams to align front-end features with operational requirements.

**Java FullStack Developer,** *FixityEDX*                                                      05/2024 – 08/2024
Hyderabad, India
- Developed and maintained web apps using React, HTML, CSS, JavaScript (frontend) and Java, Spring Boot (backend).
- Designed responsive UIs following UI/UX best practices.
- Refactored components for reusability and performance, adhering to clean code standards.

**Associate Software Developer,** *Integral Scape Technology*                                  04/2023 – 05/2024
Remote
- Built a responsive web app enabling rural agents to connect patients with consultants via video calls and audio recordings.
- Integrated frontend with backend APIs through close collaboration with developers.
- Enhanced performance by optimizing reusable components and improving scalability.

## 📁 Projects

**Booknest**
Built a responsive **Book Store Management** web app using the **MERN** stack with Redux for state management. Implemented secure authentication and **role-based** authorization using **JWT** and bcrypt. Features include book browsing, cart functionality, and **admin controls** for managing books, users, and orders.

**Cinewood** ⧉
Developed a responsive and user-friendly web application that allows users to **browse, search, and watch trailers of popular, top-rated, and upcoming movies** using The Movie Database (**TMDB**) API. The app displays **real-time** data including movie posters, overviews, ratings, and trailers through **YouTube integration.**

## 🎓 Education

**B.Tech, ECE,** *National Institute of Science & Technology* ⧉                                2019 – 2023
Grade: 8.6 CGPA                                                                              Berhampur, Odisha

**Intermediate,** *MLSM College*                                                              2016 – 2018
Marks: 62.20%                                                                                Darbhanga, Bihar

**Matriculation,** *Gandhi Shikshan Sansthan*                                                 2016
Grade: 9.4 CGPA                                                                              Darbhanga, Bihar

## 🧠 Skills

**Programming Language**
Javascript, Java

**Backend**
Node.js, Express.js, Spring Boot, Hibernate, JPA, J2EE, JDBC

**Frontend**
React.js, Redux Toolkit, HTML, CSS, Tailwind CSS, Bootstrap, Material UI, Shadcn UI, Framer Motion

**Database**
MongoDB, MySQL

**Tools & Others**
Git, GitHub, Postman