

SK JEESUN BARI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Institute of Engineering & Management

Computer Science and Engineering (IOTCSBT), Bachelor of Technology

CGPA: 8.16

Kolkata, West Bengal, India

2021 - 2024

Bengal Institute of Technology

Computer Science and Technology, Diploma

CGPA: 7.9

Katwa, West Bengal, India

2018 - 2021

SKILLS

Programming Languages:	JavaScript, Java, TypeScript
Libraries/Frameworks:	React Js, Next Js, Node Js, Express Js
Tools / Platforms:	Git & Github, Postman, Linux, AWS
Databases:	SQL, PostgreSQL, MongoDB, Redis
Development Practices:	Problem Solving, Data Structures and Algorithms (DSA)

PROJECTS

iPDF | Live | Code

Next Js, JavaScript, Tailwind CSS, TanStack Query, AWS S3, PostgreSQL, OpenAI

- Developed a **SaaS** platform where users can upload PDFs and interact with them via AI-powered chat, simplifying analysis for students and researchers.
- **Next.js, JavaScript, Tailwind CSS, TanStack Query** for a responsive and modern UI.
- Integrated **vector embeddings** to provide precise, context-aware responses to user queries.
- **Clerk** for secure user authentication.
- Integrated **AWS S3** for PDF storage and **Pinecone** for efficient **vector search**.
- Managed data storage using **PostgreSQL** and **Drizzle ORM**.
- Achieved a perfect **100** score in **SEO optimization**.

Cryptic Whisper | Live | Code

Next Js, TypeScript, Tailwind CSS, MongoDB, Next Auth, Zod,

- Developed a Next.js application enabling users to send anonymous messages via shareable public links.
- Implemented secure authentication using **Next Auth** and **OTP verification**
- Designed a responsive and modern UI with **Tailwind CSS** and **Shadcn**.
- Ensured type safety using **TypeScript** and validated data with **Zod**.
- Utilized **MongoDB** and **Mongoose** for scalable data storage and management.
- Integrated **Vercel AI SDK** and **Google Gemini API** to generate message suggestions.

TodoZen | Live | Code

React Js, Chakra UI, Node Js, Express Js, JWT Auth

- Developed a full-stack application for user sign-up, login, and to-do management.
- Implemented secure **JWT authentication**.
- Built a responsive UI using **React** and **Chakra UI**.
- Created RESTful APIs with **Node.js** and **Express.js**.
- Managed state using **Context API** and implemented routing with **React Router DOM**.

TransLexa | Live | Code

Next Js, JavaScript, Tailwind CSS, Gemini API

- Developed a powerful **AI-driven language translation app** enabling instant translations and voice output in the target language.
- Implemented a user-friendly interface using **Next.js**, and **Tailwind CSS**.
- Integrated **Gemini API** for AI-powered language translation and voice synthesis.

CERTIFICATIONS

- AWS Fundamentals - **Coursera**
- Introduction to Prompt Engineering for Generative AI - **LinkedIn Learning**