



Aishik Dutta

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EDUCATION

RCC Institute of Information Technology

Bachelor of Technology in Information Technology

CGPA: 8.37 (Till 6th semester)

Relevant Coursework: DSA, Computer Networks, DBMS, Distributed Systems, OOPs.

Kolkata, India

September 2021 - Present

Delhi Public School North Kolkata (CBSE)

AISSE(PCM): 77.4%, AISSE: 91.2%

Kolkata, India

2020 and 2018 respectively

SKILLS

- **Programming** Javascript, TypeScript, Java, Python.
- **Frontend** React.js, Next.js, React Native, TailwindCSS.
- **Backend** Node.js, Express, Prisma.
- **Database** PostgreSQL, Oracle SQL, MongoDB(Mongoose).
- **Developer Tools** Git, Bash, VS Code, Docker.
- **Cloud** AWS (EC2, S3), Cloudflare Workers, Vercel.

WORK EXPERIENCE

Software Development Intern | Northeast Engineering, India

- Assisted in the development of their **React-Native** application.
- Participated in development of their **Next.js** web application (money-receipt.com).
- Created **Pull Requests (PRs)** and managed tasks efficiently using **Azure DevOps**.
- Used **Git** for version control.
- Understand the working of .NET web API.

PROJECTS

Motion - a blogging app | Typescript, React.js, PostgreSQL, Hono (Express), Workers

[Code](#) | [Website](#)

- Developed a web application-Motion, a blogging platform inspired by Medium.com.
- Full-stack web app with **Hono** for Cloudflare Workers serving a **REST API** with **React** as Frontend
- Employed **Neon PostgreSQL** as the database management system.
- Integrated **Prisma ORM** for efficient data modelling and querying.
- Addressed concurrency challenges, optimised database queries, and implemented caching mechanisms using **Prisma Accelerate**.
- Created RESTful APIs, **integrated** authentication using **JSON Web Tokens**, and managed server-side logic for backend functionality.

DevBot - an AI website generator | Typescript, Next.js, Gemini API, Web Containers

[Code](#) | [Website](#)

- A **Next.js**-based AI website generator made using **Gemini API**.
- Full-stack web app that can generate websites in React/Node.js with a prompt.
- Shows a **live preview** that is run locally in their browser using Web Containers.
- The code is displayed in a VSCode-like **editor** along with a **file explorer**.
- Get steps on how to step-up the project along with all shell commands.

- A **React**-based wallet application with **Express.js** and **MongoDB** utilising **Mongoose**.
- Implemented a simple platform allowing users to receive a random amount upon signup and facilitating **money transfers** between accounts.
- Demonstrated proficiency in state management and user interface design using **React** and **Recoil**, providing an intuitive and responsive user experience.
- Utilised **MongoDB** as the database solution, employing **Mongoose** for data modelling and interaction, including transactions for atomic operations
- Leveraged **Express.js** for backend API development, ensuring efficient routing and handling of **HTTP** requests

PERSONAL ATTRIBUTES

Hobbies	Cooking, Chess, Video games.
Soft Skills	Leadership, Teamwork, Adaptability.

DECLARATION: I own this statement that all the information provided above is true to the best of my knowledge and can be produced correctly wherever and whenever asked for.

PLACE: Kolkata

DATE: 02/12/2024