Name: AYAN BISWAS

Frontend React, Node | 1.3 YOE | Immediate Joiner
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WORK EXPERIENCE

Frontend developer (Sicu Aura Pvt Ltd) (*08*/2024-2025) Kolkata

- Developed a **security**-based application to decrease **crime** rates, featuring **real-time** alerts, **geolocation** tracking, sensitive data **protection**, and advanced **analytics**
- Implemented advanced **login** and **signup** features using a face **recognition AI model** for protecting information.
- Created **real**-time monitoring features using **bar charts**, pie charts, and **graphical data visualization**, and managed development through to **production** migration.

Frontend developer (Taylor and Francis Pvt Ltd) *(*05/22 - 08/23) Bangalore

- Developed a major **Book** Publishing campaign app using **React** and Redux. architecting the entire **user flow**, resulting in a **25% increase** in **new** user additions.
- Implemented code **splitting**, **Lazy** Loading**,** and Cache-Control, improving page **load time** by **20%.**
- Added features like **search, sort,** and **custom** components to facilitate **business insights** for stakeholders, as well as **analytics** and **report** generation.

SKILLS

Frontend: React.js, Redux, JavaScript, TypeScript, HTML, CSS, Tailwind.
Backend: Node.js, Express.
Database: MongoDB.
Web Dev Tools: Git, GitHub, Deployment.

PROJECT

1. Streamline Video App. (React-Redux/react) Link

- Developed **a video streaming** application integrating **real-time data** from **YouTube's API.**
- Implement **API pooling** for **real-time live chat**, ensuring seamless user interaction.
- Utilize **caching to minimize API calls** and enhance application **responsiveness**.
- Utilized Redux for **centralized** state management, enabling nested **comments** and **dynamic** video pages, enhancing user engagement and experience.

2. Crazy Cart Application (MERN Stack): Link

- Implemented advanced **sorting, filtering, and searching functionalities** for enhanced user experience.
- Ensured secure user validation **and token-based authentication** for **protected** user data.
- Integrated a **secure payment gateway** to facilitate smooth transactions.
- Employed **role-based access** control and **protected routes**, utilizing **lazy loading** for optimized performance.

3. AI Assist (React, Tailwind, JavaScript): Link

- **Integrated real-time Gemini API** for accurate data responses.
- Provided **personalized suggestions** based on user preferences.
- Offered multiple **themes** for **customizable** user experience.

EDUCATION

- **College**: MVJ College of Engineering (Bangalore)
- **Degree**: Bachelor of Engineering (BE) in **Computer Science** | 2022