Frontend Development 💻

- **Reusable, Interactive Components:** I create smooth, reusable components, from pop-ups to dropdowns, carousels, ... ensuring an intuitive user experience across the app.
- **Dashboards:** Whether it's simple data charts or advanced Gantt charts, interactive kanban boards, etc... I build dashboards that make data clear and easy to navigate.
- **State Management:** Proficient with Zustand and Context API for app-wide state management, making sure data flows seamlessly across components.
- **User Authentication:** I implement secure authentication systems, often including Google logins, so users can trust and access the app effortlessly.
- **Structured Layouts:** I use a paging structure architecture that keeps projects organized and easy to scale.
- **Custom UI:** Skilled at using and customizing UI libraries to create unique, project-specific themes that stand out.

Backend Development ⚙️

- **Node.js & Express:** I build robust, RESTful APIs with Node.js and Express, using the MVC architecture to keep the codebase modular, maintainable, and scalable.
- **Real-Time Data:** Experienced with Socket.IO for real-time features, like notifications or live collaboration, to keep users connected in real time.
- **Advanced Module Integration:** Able to compile native modules to go beyond npm's usual offerings, allowing for more tailored solutions.
- **Cloud Storage Pipelines:** I design secure, organized storage with Amazon S3, using presigned URLs to control access for better data security.
- **AI Integration:** I integrate AI capabilities into backend systems using @google/generative-ai with Gemini and Python-based AI servers.
- **Electron.js Integration:** I develop and integrate backend services with Electron.js applications, ensuring efficient communication between the main and renderer processes for features like data synchronization and processing, secure file handling, and seamless cross-platform functionality.

Database Development 🗃️

- **MongoDB:** With MongoDB's flexibility, I handle all CRUD operations smoothly and make the most of its aggregation pipeline for complex data tasks.
- **CRUD Operations:** Ensuring reliable CRUD operations between frontend and backend so that data management is smooth, consistent, and efficient.

Deployment & Hosting 🚀

- **Docker & CPanel:** I have experience deploying backends with Docker for scalability, while using cPanel for frontend hosting to ensure solid, reliable environments for every project.

Additional Skills 🌟

- **Geocoding & Mapping:** I bring geolocation features into apps with tools like Google Maps API, map tiles, and OpenStreetMap.
- **Forecast APIs:** I can integrate forecast or weather APIs when your project requires data-driven, location-based features.
- **Clear Vision & Flexibility:** I'm committed to understanding project goals and adapting as needed, always aiming to expand my skillset for the best results.