

Edward Castaneda

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A detail-oriented Software Engineer seeking a Frontend/Backend role in a company where I can fully utilize my experience to bridge the gap between front-end and back-end development and drive business growth to the organization.

Top Skills -

- **React** - Utilized industry standard hooks and built reusable components that scale.
- **Javascript/Typescript** - Leveraged JS/TS to build strong and scalable applications that can stick to modern technologies. Migrated applications from JS to TS for complete type safety and make best use of the features it offers to seamlessly build apps.
- **CSS/Tailwind** - Implement tailwind to speed up development by taking advantage of utility-first philosophy in tailwind. Used Tailwind Merge to dynamically set classnames.
- **MySQL** - In my recent project, I leveraged Prisma as an ORM to efficiently interact with MySQL databases, ensuring seamless data management and query optimization. This approach significantly streamlined database operations.
- **MongoDB** - I utilized Mongoose with MongoDB to harness Mongoose's schema-based solution to model application data. This combination significantly improved data validation and query execution, enabling me to build more efficiently and reliably.
- **Additional Skills:** Next.js, Redux, Material UI, Node.js, Express.js, HTML, Jest, Postman, Git, Agile Methodology, Zod, React Hook Form, Zustand.

Work and Project Experience -

Project - TrackX (<https://www.trackx.io>)

- Create a robust bug tracker application using React in frontend and Node.JS/MongoDB in the backend, enabling users to track their project from start to finish.
- Develop authentication for users with Bcrypt and JWT token ensuring user data and routes are protected
- Create Mongodb models with Node.js endpoints allowing users to efficiently log, update, and resolve project related bugs.
- Built responsive layouts and UI of the application using modern technologies like Tailwind CSS.
- Managed the frontend state using React and Redux to efficiently update project/issue information when a change occurs without needing manual refresh.
- Leveraged React Hook Form to handle form submissions and type safety with Yup validation library.
- Developed reusable components to easily scale over time.

Assistant Manager - Timberland VF Corp (2018-2021)

- Provided assistance in training, hiring, and e-commerce sale operations.
- Maintained sales goals daily and met quarterly expectations.
- Onboarding of seasonal hires during the Q4 Holiday period.

Education -

- Web Development, Northwestern University, Evanston, IL
- Computer Science, College of Lake County, Grayslake, IL