

Alberto Vilches

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Skills

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|-------------------|--|
| Languages | JavaScript/TypeScript, Node.js, HTML, GraphQL, CSS/SCSS |
| Frameworks | React.js, Vue.js, Express.js, Next.js, NestJS, Jest, Cypress |
| Databases | MySQL, Firebase, MongoDB |
| Other | AWS, Docker, Git, Agile/Scrum, TDD |

Experience

Fullstack Software Developer

Trudesk, Inc.

October 2021 — Present

Delaware, United States • Remote

- Improved the performance of database write requests by ~89% by leveraging MongoDB aggregation pipelines.
- Co-managed the integration of a product with a client's development team on site.
- Implemented a user authentication and authorization system based on custom GraphQL directives.
- Assisted with the planning and led the development of a new frontend for the product using TypeScript, React.js, and Next.js.

Projects

Trudesk

Help-desk/ticketing solution

Node.js, TypeScript, Docker, GraphQL

- Expanded a GraphQL-to-MongoDB request processor's support for MongoDB operators.

Trudesk Cloud

Cloud-based and on-premises SaaS frontend for Trudesk

React.js, Next.js, TypeScript, MongoDB, GraphQL

- Implemented a real-time user-agent chat.
- Built a UI library of form components with overridable behavior via hooks.

React API SDK

React.js SDK for interfacing with the Trudesk API

React.js, TypeScript, GraphQL

- Developed a React.js SDK with query status handling for easy integration of Trudesk into a preexisting React.js application.

Education

West College Scotland

NC Software and Web Development

Glasgow, UK

August 2018 — June 2019

Languages

| | |
|----------------|-------------------------------|
| Spanish | Native proficiency |
| English | Full professional proficiency |
| German | Elementary proficiency |