ALBERTO VILCHES

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SKILLS

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   October 2021 — Present
Trudesk, Inc.   *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 implementation of a new frontend for the product using TypeScript, React.js, and Next.js.

PROJECTS

Trudesk   *Node.js, TypeScript, Docker, GraphQL*
Help-desk/ticketing solution

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

Trudesk Cloud   *React.js, Next.js, TypeScript, MongoDB, GraphQL*
Cloud-based and on-premises SaaS frontend for Trudesk

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

React API SDK   *React.js, TypeScript, GraphQL*
React.js SDK for interfacing with the Trudesk API

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

EDUCATION

West College Scotland   Glasgow, UK
NC Software and Web Development   *August 2018 — June 2019*

LANGUAGES

Spanish	Native proficiency
English	Full professional proficiency
German	Elementary proficiency