

OISIN COVENEY

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EXPERIENCE

Software Engineer • Metabase

March 2023 – Present

Remote (Tallinn, Estonia)

- **Embedding SDK for React** [↗](#) • **NPM** [↗](#): Implemented key features such as collection browser, interactive questions with customizable layouts, static dashboards, and question creation/editing functionality. Improved SDK authentication mechanisms, including JWT flows and API keys. Implemented dynamic fonts, stable IDs, and customization options for various SDK components.
- **Support filters in global search results** [↗](#): Redesigned the quick search dropdown and the main search page in collaboration with designers, backend engineers, and product managers. Added new filters for open source and enterprise customers with new Typescript components and modifications to Clojure repository code.
- **Auto-wiring dashboard field filters** [↗](#): Improved the usability and speed of adding dashboard filters by automatically detecting and applying filters to similar queries within the dashboard. Also added explanatory toast and an 'Undo' button help users revert changes if needed.
- **Improve Embedding Discoverability and Usability** [↗](#): Collaborated with designers and product managers to improve static/public dashboard embedding. Added menu to simplify public link sharing, new menu items to encourage static and interactive embedding, and new BE settings code to present the company license to open source users.
- **Other**: [Code Refactoring for TS and Design System](#) [↗](#), [Bug Fixes](#) [↗](#), [CSS Modules Refactor](#) [↗](#)

Founding Software Engineer • Alvin

June 2021 – March 2023

Tallinn, Estonia

- **Design Pipeline & Vue 3 Migration**: Developed a UI library and integrated Storybook, Chromatic, and story.to.design, improving prototyping and component documentation; led migration to Vue 3 + Vite, cutting build times by 50%.
- **Advanced Asset Search & Saved Searches**: Designed the Assets page with advanced filters; created the Views page for saved searches, enabling data engineers to share filter sets.
- **Data Lineage Integration**: Built an open-source connector for Alvin's data lineage with Amundsen and presented the integration to the community.
- **UI Overhaul & Search Enhancements**: Led a product UI overhaul focusing on the data catalogue and search, using Vue, Quasar, and SASS; created an internal search language with ANTLR for asset discovery.
- **Impact Analysis Optimization**: Optimized asset impact analysis with Elasticsearch and Python threading, reducing load times by 30%.

Other Experiences

- **Full Stack Software Engineer** (GoLinks • Remote • San Jose, CA): Developed the GoLinks Apps page to display different use cases of the product & and first draft of JIRA plugin to streamline link creation
- **Full Stack Software Engineer** (Clearwater Analytics • Boise, ID): Developed internal tools in an Agile environment, including a regression testing solution and a UI for a Kubernetes deployment tool.
- **DevOps & DevEx Engineer** (Citibank • Dallas, TX): Improved file download times by analyzing and identifying usage trends, and improve storage efficiency by pinpointing unusually large files

PROJECTS

Last Man Standing | [Typescript](#), [SvelteKit 5](#), [NestJS](#), [Prisma](#), [ShadCN](#), [Supabase Auth](#) + [Postgres](#)

WIP

- Multiplayer game that lets players engage in betting competitions based on the results of professional football games
- Pulls current data Livescore API for each league and assigns points to each player based on their predictions.

TECHNICAL SKILLS

Languages: Typescript / Javascript, Java / Kotlin, SQL, HTML, CSS, Python, C++, Scala, Clojure, PHP

Frameworks: React, Vue, Svelte, Tailwind, ShadCN Styled Components, NestJS, Spring Boot

Developer Tools: Git, Docker, Prisma, Supabase

EDUCATION

Dublin City University • Dublin, Ireland

First Class Honours

Masters of Science in Computing, Data Analytics

San Jose State University • San Jose, CA, USA

GPA 3.9 / 4 • Summa Cum Laude

Bachelors of Science, Computer Science