

Jake Roseman

Software Engineer

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WORK EXPERIENCE

Google

AUG 2021 - CURRENT

Senior Technical Writer

I engineer tools that combine Gemini and traditional parsing to automate the creation and maintenance of Google's developer documentation. These tools are used by tens of thousands of Googlers across all product areas.

- **Review agent** that runs at presubmit to auto-patch changes for external developer docs. ~250+ fixes per month. Implemented in Kotlin combining Gemini and Google's **Tricorder** framework.
- **Markdown linter** that uses a custom Markdown-HTML-Jinja parser to enforce style and syntax standards. 2 million views per year across 100,000 users. Implemented in Kotlin.
- **Google Docs extension** that imports/exports Google-flavoured Markdown. ~6000 active installs. Implemented in JavaScript.
- **AI writing assistant** for Google's IDE. Uses VSCode API and a slim Go backend serving requests to Gemini. ~60,000 changes accepted per year.

I have also made major contributions to the technical documentation for Android libraries such as Jetpack Compose and Navigation.

NOV 2019 - AUG 2021

TradingHub

Head of Documentation

I led a team of four responsible for TradingHub's technical writing and marketing.

- Engaged with the UX team to build a **proprietary Content Management System** (CMS) that improved information access.
- Engineered **automation** tools in C# and Python that streamlined workflows and saved time.

OCT 2018 - NOV 2019

TradingHub

Technical Writer

As a technical writer, I collaborated with various teams to reinvent a growing fintech company's documentation and marketing.

- Wrote **accessible documentation** that clearly detailed TradingHub's deeply complex products.
- Wrote **successful proposals** that won major new business from investment banks.

TECHNICAL SKILLS

GOOGLE CERTIFIED	Kotlin, TypeScript, Python
FLUENT	Protobufs, JavaScript, C#, Android, React
INTERMEDIATE	Go, C++, SQL, Java

PROJECTS

Alignment Agency

An AI-powered game where you chat with AIs and determine if they are aligned or misaligned. Built with NextJS and Gemini.

Revisionist

An AI-powered web app that provides detailed reviews for short stories and novels. Built with NextJS and Claude.

Cornice

Literary website that publishes short fiction and poetry. React with a Node/Express backend.

TECHNICAL WRITING

A sample of documentation written at Google:

- [Compose components](#)
- [Progress indicators](#)
- [Use your navigation graph](#)

These pages cover important Android libraries and see hundreds of thousands of views monthly.

EDUCATION

2015 - 2016	Master of Science Int. Public Mgmt. <i>Erasmus University, Rotterdam</i>
2011 - 2014	Bachelor of Arts Lit. & Pol. Sci. <i>The University of Melbourne</i>
2011 - 2014	Diploma in German Concurrent w/ BA <i>The University of Melbourne</i>