

Gianni Gabriel

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Education

New Jersey Institute of Technology

BS in Computer Science (Cum Laude), May 2023

Nanyang Technological University, Singapore

Global Engineering Education Exchange, Spring 2022

Skills

Programming Languages

JavaScript/TypeScript, HTML/CSS, Python, C++

Tools & Frameworks

React, React Native, Tailwind, AWS, Unreal Engine

Experience

Head of Front-End Development @ Memento (now [Minvo.pro](https://minvo.pro))

June 2022 – November 2023

- First front-end engineer on 4-person team, leading video editor feature development, achieving **\$100k ARR & 20k users** in 6 months
- Led major tech stack migration: NextJS/Material UI/JavaScript to SPA React/Tailwind/TypeScript
- Audited site performance to reduce key feature load time from **30s down to 1s** and reduced error rate from **~30% to ~1%**
- Leveraged Google Analytics to pinpoint user onboarding drop-off points, engineering solutions to improve onboarding completion from **50% to 70%**
- Conducted demos to prospective clients, gathering valuable feedback to inform product direction

Software Development Engineer Intern @ Amazon

May 2022 – August 2022

- Prevented millions in losses by developing E2E data integrity Python project to validate large data
- Coordinated critical data migration onto AWS S3 enabling accessibility for cross-functional teams
- Organized stakeholder meetings to resolve team conflicts and present design solutions

Software Engineer Intern @ Moody's Analytics

June 2021 – July 2021

- Developed UI front-end components using React and TypeScript for an upcoming product
- Created and managed AWS Lambda functions to customize payload from API
- Wrote generator functions, app selectors, and sagas with Redux Saga to consume data from API
- Facilitated unit tests with Jest and React Testing library to prevent unexpected functionality

Projects

Catena Bible – catenabible.com

Read verse-by-verse commentaries from Church Fathers and scholars

- Rebuilt site to improve stability/design resulting in **33% growth** to **4.6k monthly users** in one year
- Implemented complete front-end redesign, later deployed onto church websites
- Integrated server-side rendering and static pages with **React** and **NextJS**

MathPro – github.com/danieletaat/MathProWeb

Automated tool for educators to generate math test and quiz worksheets

- Led front-end design of application, wireframed, and prototyped on **Adobe XD**
- Developed website using **React** and deployed onto **Firebase**
- Onboarded new members, broke down initiatives into tasks, and monitored progress on Asana
- Adopted tech stack and established coding standards for the team during weekly meetings