



Fullstack Software Engineer

Position: Full time

Location: San Francisco, CA (hybrid remote)

Quick Facts

Company stage: Seed

Funding raised: \$6.8M

Number of Employees: 12

Website: <https://www.curiouscardinals.com/>

Founders: [Audrey Wisch](#) & [Alec Katz](#)

Hiring Manager: [Quintin Leong](#) (head of engineering)

To apply for the role, reach out to quintin@curiouscardinals.com

About *Curious Cardinals*

Our mission is to empower middle and high schoolers with the confidence, skills, and community they need to be the catalyst of their own dreams through pairing them with passionate undergraduate mentors. Curious Cardinals is an online marketplace that matches students with college mentors and supports them with tools and educational content along their learning journey.

What our mentors are passionate about:	Practical skills mentors are equipped to teach:	Academic subjects mentors can support:
<ul style="list-style-type: none"> • social media • video games • sustainability • rockets • politics • sports • cosmetics • crypto • entrepreneurship • fashion • healthcare • finance 	<ul style="list-style-type: none"> • public speaking • writing • coding • multi-media design • research • analytics • engineering • leadership • negotiation • communication • investing • marketing 	<ul style="list-style-type: none"> • math • history • languages • science • creative art • computer science • economics

Since launching in June of 2020, we have taught 15k+ hours, reached 3.5k+ global students, and on-boarded 300 college mentors from Stanford, Harvard, Princeton, Yale, and beyond. We have partnered with a couple of Fortune 50 companies and 20+ schools. We've [spoken on CNN](#) and [Cheddar](#), were [featured in Forbes](#) and [dot.la](#). We are a StartX company that has also been selected as top 20 of the GSV Cup's Elite 200, putting us in the top 3.5% of pre-seed and seed EdTech startups. Additionally, to ensure that socio-economic limitations don't serve as barriers to the curious minds of students around the country, Curious Cardinals has partnered with 5+ community organizations to support their financial aid program.

Sneak-peek into our company culture and latest in the press, [here](#).

Inspiration behind *Curious Cardinals*

"Once a student has discovered something they care about, pursuing that thing can be overwhelming. If you're a serious runner or baseball player, the trajectory from 7th to 12th grade is pretty clear: go to practice, improve your running times or batting average, go from sitting on the bench to starting, and then work your way up to being the team captain. For a student who is passionate about climate change or feminist studies, there is no playbook. There are minimal options, spaces, mentors, and collaborators to nurture these passions."

Read more from the founders' [manifesto](#).

What you will work on

The technology team is responsible for a broad range of products across the business, and engineers on the team work across all of them. You are a right fit for this role if you are impact oriented, are excited to get involved in end to end solutioning across the entire product

development lifecycle, and love to build products and systems from the ground up. As a startup, problems and solutions are rarely readily apparent and we are looking for someone that can drive max impact in the face of ambiguity.

Our product ecosystem is as follows:

The marketplace

This is where our customers go to get matched with their mentor. Students go through our matching experience where we identify their personal interests, goals, and the type of mentor they would be most compatible with. A searchable catalog of our mentors paired together with customer insights are combined to introduce the best matches. Once a match has been made, the underlying order and fulfillment systems handle the transactional work to create the engagement in the TMS and operations systems for the mentor and ops to manage respectively.

Tutor management software (TMS)

We provide the software for mentors to manage their engagements. Our TMS system provides the ability for mentors to schedule sessions, communicate with their students, and keep record of their student's journey. Our system handles all the logistics of reminders, billing, video conferencing spaces, and more!

Internal Systems

The technology team also builds products for our internal stakeholders to operate the business. Our internal systems manage the marketplace, TMS, customer relationship (CRM) system, marketing tech stack, and business intelligence systems.

Skills & Experience

- 4+ years of experience as a software engineer shipping high quality code across the entire tech stack (frontend and backend).
- Experience with the tools to build scalable web applications.
- Successful track record of delivering products through collaboration with tech leads and engineering managers.
- Experience collaborating with engineers to design architecture, data models, and business logic of products from ground up.
- Ability to learn new technologies and business domains quickly.
- Familiarity with our technology stack is a great bonus, but not required.

Our Technology Stack

We are a Node tech stack coded in Typescript.

- Backend
 - Express web server
 - GraphQL
 - Prisma (ORM)
 - Postgresql database
 - BullMQ for asynchronous job processing
- Frontend
 - NextJS
 - React
 - GraphQL Apollo Client
 - Chakra UI - Component library
- Our infrastructure is built on top of platform solutions
 - Heroku
 - Vercel
 - Webflow (static content)
 - Monitoring
 - APM
 - Error handling/logs
- 3rd party integrations
 - Stripe for finance
 - Twilio for email/SMS delivery
 - Google API
 - Hubspot (CRM)
 - Zoom
 - Algolia powers many of our search interfaces

Our Support

In the last 6 months, we have raised \$6.8 million in seed funding from Bryan Kelly and Emily White of Anthos Capital and joined by Audacious Ventures (managing partner Nakul Mandan). Other notable angel investors include: Deborah Quazzo (managing partner of GSV Ventures), Marc Katz (founder and CEO of CustomInk), Steven Galanis (founder and CEO of Cameo), Deb Liu (CEO of Ancestry), Vlad Magdalin (founder and CEO of Webflow), and more.