





# HANNAH CAIN

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## Summary

Experienced full stack JavaScript developer focused on mission-driven projects. Ability to learn quickly and implement creative solutions to empower human interaction.

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## Skills

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|---------------|-----------------------|--------------|------------|--------------------------|
| • TypeScript  | • HTML5 / CSS3 / SASS | • PostgreSQL | • AWS      | • Swift                  |
| • Node        | • GreenSock (GSAP)    | • Git        | • Azure    | • Python                 |
| • React-Redux | • SQL / NoSQL         | • Heroku     | • Firebase | • Photoshop/ Illustrator |

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## Experience

### Full-Stack Engineer / Summer

January 2022 - June 2022

- Jill-of-all-trades developer working on a mix of client facing products and internal tools:
  - **Site guided users through the complicated process of student loan forgiveness:** Intuitive UX and step-by-step navigation were prioritized to make it straightforward and hassle-free
  - **Integration with 3rd party APIs:** Incorporated and worked with major financial companies (Fidelity, Credit Karma, etc) for smooth and seamless experience
  - **Improved Automation:** Worked to expand edge-cases and minimize human oversight to improve profitability
- Contributed to internal processes and docs to improve team and individual efficiency and cohesion

### Software Developer / Readlee

April 2021 - September 2021

- Main developer for the teacher-facing UI migration from Flutter to React:
  - **App recorded students reading aloud:** Students' accuracy, words per minute, reading time, and completion percentage were displayed to the teacher
  - **React-Redux with Firestore DB:** Designed front-end data architecture to efficiently call, manage, and display data
  - **Improved UX and Responsive Design:** Worked directly with head designer to improve user experience while proactively addressing obstacles to minimize scheduling and technical risks
- Mentored junior developers through code reviews and pair programming

### Junior Developer / Craft Worldwide

2017 - 2020

- Developed a diverse range of client-facing projects:
  - **Karaoke Machine for MGM's Universal Love:** Created web app for users to choose pronouns for lyrics; built with JavaScript, Node, Express, HTML5, CSS3; [featured in Adweek](#) with [full campaign here](#)
  - **Chatbot for Microsoft's Make What's Next:** Connected girls with inspirational women and potential STEM careers; built with Node, Microsoft Bot Framework, Azure's sentiment analysis, HTML5, CSS3, and React
  - **AR game prototype for Army:** Learned Swift and ARKit in two weeks to build game of capture the flag
- Trained, mentored, and led code reviews of new hires, 100% retention rate

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## Education

### Fullstack Academy

2016

Immersive software development program with an emphasis on full stack JavaScript

### Barnard College of Columbia University

2008 - 2011

Coursework in Anthropology (Archaeology Concentration) & Chemistry