

# Joseph Felker | Software Engineer

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## SUMMARY

Full-stack software engineer with a passion for ethical design and implementation of new technology. My love of learning and solving novel problems lead me to constantly try to understand the inner workings of the systems I engage with.

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## TECHNICAL SKILLS

HTML | CSS | Javascript | Tailwind | MongoDB | Express | React | NodeJS | SQL | Git | Github |

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## SOFTWARE EXPERIENCE

### GPT Buddy | Capstone project

Developer | 7 days | [Live](#) | [Github](#)

- Full stack MERN app designed to assist users in interfacing with OpenAI's language models, enabling dynamic interaction between users and AI models.
- Developed backend using Node.js and Express.js, structured RESTful API routes to handle HTTP requests from the client-side.
- Executed object-oriented programming principles using React.js to develop a dynamic UI, efficiently managing state and props for real-time updates.

### Break the Ice

Git flow manager & backend development lead | [Live](#) | [Github](#)

- *Full stack MEN website which brings together a collection of questions to help users learn more about each other and themselves.*
- *Adhered to MVC design principles and RESTful routing practices for the construction of CRUD functionality utilizing Mongoose, Express, and NodeJs*

### Tamagotchi | <Solo Project>

Developer | 7 days | [Live](#) | [Github](#)

- *Generates a creature that entertains users by prompting input and responding to feedback.*
  - *Combined HTML, CSS, & Javascript into a final application that is responsive to user screen size.*
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## WORK EXPERIENCE

### Student Supervisor, University of California, Berkeley

Berkeley, CA 2018-2020

- *Coordinated with multiple departments to improve and maintain a campus of over 900 rooms, helping to bring in over \$1,700,000 in revenue per year.*
  - *Mastered navigation of student information service (SIS) software to communicate with 2000+ students per week.*
  - *Executed key tasks in high-pressure situations as the sole point of contact for 500+ students and parents during move-in.*
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## EDUCATION

### General Assembly

Software Engineering Immersive

Chicago, IL

May 2022

### University of California, Berkeley

BA, Philosophy

High distinction / magna cum laude

Berkeley, CA

May 2019