Caleb Rivera

calebrivera.dev | calebrossr@gmail.com | linkedin.com/in/calebrossr | github.com/LightBounded

EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science in Computer Science   *Aug 2022 - May 2026*

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, TypeScript, C#, C, GraphQL, SQL (PostgreSQL, MySQL, MS SQL Server)
Frameworks: React, Next.js, Node.js, SvelteKit, Svelte, Vue.js, Express.js, jQuery, Tailwind CSS, Windows Forms
Tools: Git, GitHub, Figma, OpenAI, Firebase, Supabase, MongoDB, Apollo GraphQL

EXPERIENCE

Front-end Lead   Mar 2023 - Present
KnightHacks   *Orlando, FL*

- Migrated an admin tool to Next.js, reducing JS bundle size by 4x and improving performance and maintainability
- Collaborated with designers and back-end engineers to develop a site advertising UCF's largest hackathon
- Lead a small team of front-end developers that maintain KnightHacks' front-end tooling and applications
- Review pull requests, document tooling, and host weekly meetings and 1:1 sessions with developers

Product Engineering Intern - Design Systems   May 2023 - Aug 2023
Discord   *San Francisco, CA*

- Developed Mirage: a Figma plugin framework and umbrella plugin consolidating all of Discord's design tools
- Wrote RFCs and documentation on Mirage, outlining its core features, how it works and why we built it
- Built out an accessible component library and APIs to make it easier for developers to create a new plugin
- Worked closely with a senior product designer and engineer to ensure product requirements were being fulfilled

PROJECTS

Finance Viper | *Svelte, Node.js, TypeScript, Tailwind CSS, Twilio, Azure*

- Won ShellHacks 2022's "Most Creative Use of Twilio" challenge
- Designed and implemented the front-end of an educational and multiplayer implementation of Snake
- Built several UI components including a login page, a modal that displays a financial literacy question each time the player dies, and a leaderboard that keeps track of the top 5 players with the highest scores
- Animated UI components using CSS and Svelte's built-in transition library

Find My Professors | *Next.js, Tailwind CSS, GraphQL, PostgreSQL, Go*

- Won 1st place for KnightHack's Fall 2022 projects showcase
- Leveraged Next.js's app directory and React server components
- Allowed professor data like name and rating to be efficiently sorted and filtered using React Table
- Queried a GraphQL Server serving professor data scraped from ratemyprofessor.com with an Apollo GQL Client
- Created charts with Chart.js to showcase each professors' ratings over time and common qualities they possess

Astra | *React, TypeScript, Firebase, Tailwind CSS*

- Developed a live chatroom application using React and Firebase
- Built custom React hooks to handle user authentication, querying data, and receiving real-time updates
- Implemented a profanity filter to prevent users from sending explicit messages
- Used in a high school presentation advertising LWTC's Database Application Development career program

Bookie | *Vue.js, Pinia, Express.js, MySQL, TypeScript, Tailwind CSS, Daisy UI*

- Developed a Vue.js single-page application that leveraged an Express.js REST API for a mock book store
- Handled CRUD operations with Express.js routing methods that queried a MySQL database
- Utilized the Multer Node.js middleware to handle file uploads to the server from incoming HTTP requests
- Used the Pinia state management library to share global state across Vue.js components