RICARDO MIGUEL RIVERA-CHAVEZ

WORK EXPERIENCE

Retrium, *Full Stack Software Engineer* ↗

2022 – 2023

Collaborated with a cross-functional team to enhance Retrium's web application through feature development, component improvement, and improved user experience. Key contributions include:
  - Increased stakeholder value with new application functionalities.
  - Implemented new API routes and middleware for efficient data retrieval, as well as refactoring existing routes/middleware.
  - Modernized legacy code for reusability, readability, and maintainability.
  - Transitioned maintenance server from Nginx to Express, and reconfigured Docker files.
  - Optimized maintenance server performance.
  - Engaged in weekly pair programming sessions with the Lead Infrastructure Engineer.
  - Contributed to user-facing feature development and decision-making in design discussions.
  - Led agile retrospectives to drive continuous improvement within the team.
  - Resolved UI bugs to enhance user experience.
  - Participated in daily code reviews to maintain code quality and foster collaboration.

PREVIOUS COLLABORATIVE PROJECT

Picture This, *Full Stack Software Engineer*

2021

Worked with a small team of developers on a real-time, multiplayer game making use of Web Sockets and HTML canvas.
  - Spearheaded project management efforts by creating wireframes in Figma, and organizing tasks in Linear.app.
  - Developed initial UX design and took charge of implementing the UI across the entire project, including a 3D landing page in Three.js.
  - Designed and implemented initial backend prototype using Elixir and the Phoenix framework's Channels.
  - Designed API and dataflow patterns between client and server.
  - Setup CI/CD pipeline.
  - Tech stack included: Svelte, Typescript, NodeJS, Socket.io, Express, Web Storage API, Tailwind with DaisyUI, deployed on Vercel and Heroku @ https://picturethis-one.vercel.app/

EDUCATION

Software Engineering Immersive Bootcamp, *Codeworks*

2021
  - Worked on a 9-9-6 schedule(9am - 9pm, 6 days a week)
  - Computer science fundamentals, data structures, algorithms, etc
  - Advanced JavaScript, HTML and CSS
  - Frontend and backend frameworks
  - DevOps, CI/CD, Unit and integration testing
  - Security: Preventing and avoiding threats. Implementing secure authentication.

CONTACT

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TECHNICAL SKILLS

Typescript/Javascript

CSS

React.js/Svelte

Three.js/WebGL

Docker

Node

Express

SQL / NOSql

Elixir

Functional Programming

LINKS

Linkedin ↗

Github ↗

LANGUAGES

English: Native

Spanish: Native

INTERESTS

Mycology

Making(and eating) bread

Learning about plants and animals

Painting, drawing, sculpting, playing/writing music

Playing video games

Dancing and singing karaoke:-)