Elliot Mangini

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Software Engineer

A results-oriented full stack developer with experience taking projects from concept to product and coordinating teams. Highly adaptable and organized leader, active community steward, and multinational collaborator. Excellent troubleshooter who leverages communication and relationship building skills in diverse environments. Recognized for personal commitment to ensuring teammates are supported and empowered.

Core Competencies

React | Ruby | Rails | Nest.js | Next.js | JavaScript | CSS | HTML | SQL | Solidity
Object-Oriented Programming | TDD | Relational Database Design | Web 3.0

Experience

T.A., FlatIron School - Denver, CO   **08/2022 – 12/2022**
- Instructed front end, back end, relational database design, and basics of CSS, Javascript, and HTML raising student success rate.
- Covered use of cookies & sessions, database relationships used for social and commerce apps, and active storage with Rails.
- Demonstrated project management strategies using wireframes, organizational tools, and GitHub workflows.
- Led groups in use of frameworks, outside technologies, and management of asynchronous patterns with a focus on React.
- Performed code reviews, led pair coding, and aided in debugging. Created blogs, resources, and technical writings for students.

Audio Engineer & Label Coordinator, Palace Media Studios - Tokyo, Japan   **08/2017 – 08/2021**
- Collaborated with artist organizations in Japan to shape internal and external communities and communications.
- Led brand projects and produced action plans to help artists implement quality content pipelines and enhance audience growth.
- Published and distributed training resources and coached/mentored individuals to assist development and maximize potential.

Projects

Planetariyum - github.com/elliotmangini/Planetariyum | youtu.be/sJpoPsIlFWU
Full Stack Developer - Collaborative engine, social platform for creators featuring a digital asset marketplace wrapped in a mini-game.
- Generated core concept, designed UX/UI to create a sharp original aesthetic, & authored materials presented internally/publicly.
- Configured environments for development, testing, and production, & managed timelines to reach MVP & deploy rapidly.
- Enhanced feature set by porting and integrating existing code from JS, CSS, and HTML to React with Ruby on Rails.

TraydPost - github.com/Ryan-OToole/final-project-frontend | youtu.be/deV1OB5TLEs
Group Leader & Front End Engineer - ERC721 management DApp using Next.js and Solidity Smart Contracts.
- Created wireframes, coordinated tasks and meetings, and led Git management with a new team maximizing our efforts.
- Oversaw Smart Contract development and designed front end. Planned contract features enhancing meta attribute functionality.

UpQuest! - github.com/RachelMullen/phase-3-sinatra-react-project-frontend | youtu.be/SkSZFrXAfqA
Group Leader & Back End Engineer - Social app for creating treasure hunts as collections of sites visualized through interactive maps.
- Built and maintained Ruby & Sinatra database, provided technical support in cross-functional teams and supervised TDD.
- Advised in strategy, formed wireframes that determined project success, and worked overtime to reach stretch goals.

Foley Generator 3000! - github.com/elliotmangini/Foley-Generator-3000 | youtu.be/JEl6ldmbEFM
Frontend Engineer & Team Lead - Reactive sound generator using speech-to-text synthesis to create ambient atmospheres in real time.
- Developed central idea and designed codebase. Identified limitations of stack and derived novel solutions.
- Demonstrated and instructed in functionality of code to ensure team members' comprehension of technologies utilized.

Education

Full Stack Software Engineering - Certificate, Flatiron School   Denver, CO
Full Stack - Ruby on Rails, React, Javascript, CSS, HTML   **08/2022 – 11/2022**

Smart Contract Development - Certificate, Encode Club & ETHDenver   Denver, CO
Web 3.0 - Solidity, TypeScript, Angular, Nest.js, HardHat, Mocha, Chai, Ethers   **10/2022 – 11/2022**

Audio Engineering & Music Production - 1300 hrs towards B.A. - w/ Ithaca College Professors/Staff   New York, NY
Curriculum Developer - Music Production, Composition, Audio Engineering & Sound Design   **08/2017 – 08/2021**