FRANCISCO DUCASSE

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As a software engineer, I have experience designing, developing and deploying various software applications using different languages, frameworks and tools. I have an eager design to produce and deliver quality products and strive to learn how to continue making high-quality code and expand my skills and knowledge. Looking forward to more challenges and being part of a dynamic team to attack with!

SKILLS

Javascript (React.js & Angular) - 3 years

CSS & CSS Frameworks (Bootstrap, Sass, TailwindCSS) - 3 years

RESTful Development - 3 years

MongoDB & MySQL - 3 years

NodeJS (ExpressJS) - 3 years

Git - 3 years

Jest & Selenium - 3 years

WORK EXPERIENCE

Front-end Engineer
07/2022 to 03/2023
Seven Bridges (Velsera)
Boston, MA

- Using Angular, I built components for the ARIA Cohort-Composer GUI which helps bioinformaticians analyze health data up to the million participant scale
- Used TypeScript to create interfaces and types to ensure data structure for front-end components
- Created Angular services that consume data from Velsera's API to accomplish tasks to help accelerate the creation of cohorts of health data
- Created unit tests using Jest to ensure code coverage as well as boost code quality and consistency across different regions of development
- Using strong communication skills, I worked closely with other frontend engineers as well as backend

- engineers, the design team, product managers and QA to design and develop code
- Used Git to provide version control as well as create branches of development for different tasks
- Implemented Velsera's custom styling library to create consistent designs across the whole platform
- Participated in Agile development processes, including daily standups, sprint planning,
- and retrospectives to ensure the smooth and transparent delivery of projects.
- Conducted code reviews to ensure code quality and maintainability for other members on the team.

Freelance Fullstack Web Developer

01/2020 to Present

Boston, MA

- Learned the fundamentals of web development including HTML, CSS & Javascript
- Worked with modern CSS frameworks like Sass, Bootstrap & Tailwind to accomplish responsive designs that look fluid on web browsers ranging from mobile-phones to laptops
- Accelerated front-end development by using popular Javascript frameworks like React.js & Angular to consume data from APIs and respond to user-driven events
- Designed and implemented RESTful servers in Node.js (Express) to process user requests and communicate with third-party APIs and databases
- Using database technologies like MySQL and MongoDB as well as cloud-based databases like AWS and Firebase, I've learned how to store users data so servers can make requests and response back with data to the user
- Using frameworks like Jest & Selenium, I've created unit tests as well as end-to-end testing to ensure code quality
- Collaborated effectively with clients and partners to meet project requirements and provide regular progress updates
- Developed strong communication and problem-solving skills to troubleshoot issues and meet tight deadlines

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LINKS

https://www.franciscoducasse.com

https://www/github.com/ciscoducasse99

https://www.linkedin.com/in/francisco-ducasse-65422615a/