

CESAR GUTIERREZ

SOFTWARE ENGINEER

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EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, 2023
California State University Fullerton, CA

WORK EXPERIENCE

AMAZON SOFTWARE COLLABORATIVE, FULLERTON, CA, JANUARY 2023 TO MAY 2023

UI/UX DESIGN INTERN

- Collaborated on the development of a website catering to the needs of 10 individuals with disabilities, focused on generating reviews on business disability compliance.
- Implemented coding for 5 successful unit tests, measured against use cases, using the Robot Framework with the Selenium Library.
- Leveraged MongoDB, Express, React, and Node.js technologies to ensure seamless functionality aligned with user expectations.
- Conducted user interviews and collected feedback to assess user needs, shaping the design process, and presented Figma designs, needs statements, a stakeholder map, and user requirements/specifications to ensure a user-centric approach in line with regulatory compliance.

TITAN RADIO, FULLERTON, CA, JANUARY 2023 TO MAY 2023

FRONTEND WEB INTERN

- Contributed to the creation and development of a web music player, catering to the needs of 103 student DJs, by integrating HTML, CSS, JavaScript, and API technologies.
- Ensured the alignment of the music player with user expectations and regulatory requirements.
- Performed routine maintenance of the website by refactoring modules and updating DJ data and managing system updates while adhering to applicable laws, regulations, and policies.
- Acquired hands-on experience in researching and integrating new frontend components, demonstrating a commitment to remain current on industry advancements and incorporating innovative features in line with system requirements.

PROJECTS

TECHNOLOGIES: GATSBY, REACT, REACH-CHARTJS-2, NETLIFY

COVID WEBSITE

- Developed a website that enabled users to review current coronavirus statistics on different measuring metrics and locations.
- Customized React graphs and charts visualizing data derived from various APIs

TECHNOLOGIES: ANGULAR, PYTHON, FASTAPI, SQLITE, GITHUB PAGES, AND RASPBERRY PI

EMAIL WEBSITE

- Built and maintained a website that provides a user a form to subscribe to an email service on today's top news.
- Responsible for the design of the website appearance, coded backend database with FastAPI, and hosted globally on Raspberry Pi.

TECHNOLOGIES: JAVASCRIPT, HTML, CSS

MUSIC PLAYER

- Designed and coded a music player for the university's radio WordPress website.
- Integrated student music, a timer, music scheduler and visual design to enhance user experience and website operation.

TECHNOLOGIES: C++, VISUAL PARADIGM

HOTEL RESERVATION SYSTEM

- Designed a CLI that allows users to rent hotel rooms and perform transactions utilizing the factory design pattern.
- Architected UML Diagrams and Software Artifacts for client delivery.

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, Python, C++, SQL, Java

Libraries & Frameworks: React, Angular, Next.js, Gatsby, Tailwind, jQuery, FastAPI, Robot Framework, Selenium Library, Krakend

Tools & Platforms: Git, GitHub, Netlify, Vercel, WordPress, Figma