Ralph Parin

Los Angeles Metropolitan Area, California, United States

r.parin070@gmail.com | https://www.linkedin.com/in/rparin | https://rparin.github.io

EDUCATION

University of California, Irvine | *Bachelor of Science in Computer Science* September 2020 - June 2023

RELEVANT COURSES

Software Engineering, Data Management, Requirements Gathering & Analysis, User Interaction Software, Information Retrieval, Data Structures, Project in Algorithms and Data Structures, Project in Software System Design

EXPERIENCE

Software Developer Intern | *Angular, .NET, MySQL* April 2023 - June 2023
Summit Technology Laboratory | Irvine, CA
- Collaborated with web developers in an Agile environment to create a Real Time Streaming web application that is accessible and responsive on both desktop and mobile devices
- Developed user interface based on an understanding of client needs and requirements
- Participated in weekly Scrum meetings and code reviews, to ensure adherence to MVC principles and improve application functionality, with a focus on a user-friendly interfaces, UI/UX
- Delivered incremental project updates, incorporating stakeholder feedback that led to a 20% improvement in user satisfaction with the final product

PROJECTS

Hello Dog | *React, Spring Boot, Junit, Jest, AWS, Docker* Sep 2024 - Dec 2024
- Created a website that provides dog facts and breed info by integrating data from various RESTful APIs
- Utilized NVDA Screen Reader to test web content for keyboard navigation and screen reader compatibility
- Achieved 95% code coverage through unit test and integration test, accelerating the CI/CD pipeline
- Implemented ARIA roles and properties to enhance accessibility
- Conducted accessibility testing using tools such as WAVE (Web Accessibility Evaluation Tool) and axe DevTools to identify and address accessibility issues, ensuring compliance with WCAG guidelines

Spotify Artist Network | *React, ExpressJs, Jest, AWS, Docker* Oct 2023 - Nov 2024
- Utilized Spotify Rest API to create a responsive website for exploring an artist's network of related artists
- Increased SEO and reduce client resource usage through server-side rendering
- Enhanced application speed by caching recently accessed artist data, leading to a 50% improvement in perceived performance
- Developed test automation using Jest and the axe library to ensure web applications met WCAG compliance

Clinical Trials Map | *ReactJS, ExpressJs, Git, Postman, Notion* Aug 2023 - Sep 2023
- Collaborated with frontend developers and backend developers to create an interactive map of Clinical Trials
- Utilized project management tools like Notion to streamline task tracking and team coordination
- Enhanced team communication and version control efficiency by establishing a feature branch workflow
- Performed coding, debugging, testing, and troubleshooting throughout the application development process

Sleep Tracker | *Angular, Firebase, Github* Nov 2022 - Dec 2022
- Implemented a user-friendly interface for easy logging of fatigue levels, wake-up mood, and sleep tracking
- Leveraged Firebase's cloud infrastructure for seamless database growth without performance impact
- Improved team productivity and task clarity by organizing regular check-ins and feedback sessions
- Wrote technical documentation detailing step-by-step instructions for launching and running the application

TECHNICAL SKILLS

Languages: CSS, HTML, Java, JavaScript, Python, TypeScript, SQL
Frameworks: Angular, Nextjs, Spring Boot, Jest, Junit, Playwright
Developer Tools: AWS, Docker, Figma, Git, IntelliJ IDEA, Node, NPM, Postgres, Postman, PyCharm, VS Code