Hwanjin Lee

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Objective

As a dedicated and self-taught developer, I am seeking a position where I can utilize my skills to contribute to the design and development of engaging, user-friendly applications using the latest web technologies. I am confident in my ability to effectively collaborate with your team and drive success for your organization.

Skills

HTML | CSS | Javascript | Typescript | Java | C# | Node | React.js | Next.js | API | REST | GraphQL | Axios | MongoDB | Illustrator | XD | Figma | Github | Bootstrap | SQL/NoSQL | AWS related: Cognito, Amplify, DynamoDB, Lambda, API Gateway, KMS |

Experience

Software Developer   hydrocard.app   03/2023 - current

- Witnessed an issue as a customer at small water/ice stores trying to manage customers with either expensive system or paper spreadsheet. So I decided to build a responsive, user-friendly web app to digitalize prepaid balance management software that is efficient and easy-to-use.
- Performed constraints analysis interviews with owner/workers for system design and functionality.
- Participated on UI/UX research to farther ease the usability for users.
- Tools used to build: Made with React.js with AWS Amplify for backend support and AWS Cognito for easy authentication, hosted on Route 53 with domain bought from google. Connected to AWS DynamoDB with GraphQL API for any read/write of data. Implemented open source libraries like Chart.js for user's dashboard, providing more organized and niched data to water/ice businesses compared to other POS(point of sales) services like Square. Used Twilio API to send store customers text QR code through AWS Lambda, API Gateway to be able to scan and open customer info/balance swiftly. To see how it all works, go to www.hydrocard.app.

Web Designer   Freelance   Phoenix, AZ   01/2022 - current

- Designed small business websites that are linked to SquareSpace or Wix. Personally consulted clients with design suggestions close to design trends, optimizing content for easier customer experience/profitability.

Samsung Field Technician   Service Quick Inc.   Phoenix, AZ   01/2019 - 10/2021

- Maintained >90% customer satisfaction & raised ratings at other locations via efficient repair & service for Samsung TV/Appliances warranty customers.
- Optimized repair operations by instructing Samsung certification training for new hires, double-checking diagnostics, ordering parts accurately, expediting service, and cooperating with Engineers for appliance recalls.

3D/Visual Effects(VFX) Artist   TMHK, Tomahawk Visual Effects LLC   Phoenix, AZ   10/2017 - 10/2018

- Collaborated with director, technical artist, and art leads to define 3D assets for the movie Intersect (2020), delivering high/low poly models, refining/revising, and animating assets into multiple scenes.
- Created visually stunning advertisement videos by utilizing special effects in Photoshop, Blender, and After Effects.

Projects

Client management/ Self-Scheduling Web-App

- Developed a client management and scheduling service using Next.js and MongoDB, incorporating a user-friendly admin panel that allows for dynamic updates of key business information, such as opening hours, through a cloud database, ensuring that the feature website is automatically updated and appointments are rescheduled for clients.

Education

Bachelor of Science (Graphic Design)   Arizona State University   Tempe, AZ   08/2012 - 05/2017

- Major in graphic-design / computer-graphics

CS50, Udemy, CodeAcademy, Mosh Hamedani, FreeCodeCamp

- Self-taught programming by utilizing variety of free/paid online resources to gain a solid foundation in relevant coding languages and techniques. Built on this foundation by working on personal projects and engaging with real users to refine skills, gain experience, and stay current with industry developments.