Carmine Yijin Ro | Jersey City, NJ

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Software Engineer

LinkedIn | Github | Website

Problem solving software engineer with background in design industry, proficient in taking products from concept to production. Talent includes full-stack web development and exceptional client communication skill

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TECHNOLOGIES

Languages | Javascript, TypeScript, Python, SQL
Frameworks & Libraries | React, Redux, Express
Databases & Tools | PostgreSQL, Firebase, HTML, CSS, AWS Lambda, Git, Github
Tools & Softwares | Adobe Creative Suites (Photoshop, Illustrator, Premier Pro)

PROJECTS

Chef's Kiss: Alexa Integrated Kitchen Helper Application Github | Website | Team Project
- Created visually appealing front end using React, TypeScript and CSS for better code maintenance, modularity, performance and error handling
- Built a RESTful API and database with Express, PostgreSQL, Sequelize, and Firebase to store relational data to serve to the frontend
- Integrated Alexa skills using an AWS Lambda function for data manipulation and to enhance user experience by leveraging enterprise backed machine learning
- Led the team through planning to define Minimum Viable Product (MVP) and fostered efficient work process through Agile Scrum methodology
- Supported team members with debugging, troubleshooting and code reviews for the final product

Hello Alfred: AI Powered butler Github | Solo Project
- Created a responsive website using React, Javascript, HTML and CSS for dynamic user experience
- Utilized Tensorflow's Voice Command package and dependencies for speech recognition
- Fine tuned speech models using curated voice samples and Google's teachable machine

Comic Overflow: E-commerce website for comic shop Github | Website | Team Project
- Designed and created modern front end with React, HTML, CSS and MaterialUI for visually pleasing website and engaging user experience
- Used PostgreSQL to build and populate a database, enabling storage of relational data for seamless frontend integration
- Implemented authentication middleware and encrypted sensitive data by salting and hashing to create a secure authentication process for users
- Integrated Redux store to manage complex state across multiple components
- Collaborated to develop a database schema and intuitive UI increasing technical efficiency and reducing churn

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EDUCATION

2022-2023 | FullStack Academy Software Engineering Bootcamp | Software Engineering / Web development
2011-2013 | School of Art Institute of Chicago | MA in Art & Design
2005-2009 | Rhode Island School of Design | Bachelor of Apparel Design

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WORK EXPERIENCE

Footwear Designer | United Footwear Group | New York, NY   2019 - Present
- Designed brand-enhancing styles with Adobe Illustrators to bolster customer loyalty and competitive advantage
- Increased company sales by 250% by utilizing collected market and sales data with Google Analytics
- Created an excel database for tracking and recording incoming sample status, modification, and approval status
- Facilitated robust client relationship through effective communication, ensuring successful production outcomes

Designer | LF USA | New York, NY   2013 - 2017
- Lead Designer for Amazon Fashion Brand & Target Collaboration Brands
- Leveraged strong client relationship skill to identify goals and develop realistic timeline for production