Esther Kim

Full Stack Software Engineer

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Technical Skills

Programming Languages | Javascript ES6, Python 3
Front-End | React, DOM Manipulation, HTML, CSS, Bootstrap, Chakra UI, Material UI
Back-End | Django 4, FastAPI, RabbitMQ, PostgreSQL, MongoDB
DevOps/System Design | Docker, AWS, Microservices, Domain-Driven Design, Message Queues, Polling

Project Experience

Full Stack Software Engineer | FaceBark | gitlab.com/facebark/facebark   *February 2023*
- Implemented a robust JWT user authentication system, effectively managing 500+ user data points with PostgreSQL
- Partnered with a team of 3 engineers to architect and develop a full-stack dog social media application with RESTful API methods for following others, posting statuses/photos/videos, and creating/attending events
- Optimized frontend design using React hooks to create an engaging and user-centric interface, while leveraging FastAPI for efficient backend development to enhance site performance, resulting in a seamless user experience

Full Stack Software Engineer | CarTune | gitlab.com/est-kim/CarTune   *January 2023*
- Collaborated with an engineer to design and build a full-stack automobile sales and service management application
- Utilized Docker for effective container management and PostgreSQL for robust database management, enabling the construction of efficient microservices that can handle thousands of inventory polling requests daily
- Streamlined user experience by developing a frontend single page application with React hooks to manage state

Full Stack Software Engineer | Wardrobify | gitlab.com/est-kim/wardrobify   *December 2022*
- Designed and developed a comprehensive full-stack application using React for frontend and Django for backend, enabling users to efficiently track their shoes and hats collections by recording the locations and bins for each item
- Implemented React hooks to manage state and best practices for state management to ensure smooth performance
- Integrated RabbitMQ to poll data from a separate microservice, allowing for efficient and timely updates

Professional Experience

RadicalX | Software Developer Summer Intern   *June 2023 - Present*
- Contribute to the development and refinement of key platform features, including RadicalX Missions, subscription and payout systems, leveraging Firebase, Node.js, and React to optimize platform functionality and user engagement
- Actively integrating the ReadyPlayerMe API into React, a strategic initiative that enables users to create personalized avatars, enhancing user experience and interactivity within the platform

Pibu, LLC | Founder   *2020 - 2022*
- Founded and launched an e-commerce website from the ground up, incorporating various strategies such as social media advertising, email marketing, SEO, and influencer partnerships
- Developed, designed, sourced product and collaborated with UI/UX designers and developer to build brand
- Managed and marketed on social media accounts (Instagram/TikTok) to a 10,000 follower count within a year and ensured professional customer service on respective platforms

Nigel Frank International | Technical Recruitment Consultant   *2019 - 2020*
- Sourced and qualified 20+ AWS Security and Microsoft Dynamics CRM candidates weekly through ATS, referrals, LinkedIn, Dice, Monster, GitHub, Broadbean
- Negotiated salary, benefits, remote/travel flexibility, and relocation fees and generated client leads

Education

Hack Reactor | Software Engineering Immersive   *2023*
19 week full-time immersive Software Engineering program focusing on building full-stack web applications

Irvine Valley College | Computer Science   *2017*
Course taken - Introduction to Computer Systems, Introductions to Programming using Python, Computer Organization and Assembly Language, Data Structure, C Programming, Visual Basic Programming

University of California, Davis | Bachelors of Science in Animal Science with Companion Animal Focus   *2015*