

SARA PARK

Software Engineer | Los Angeles, CA | (469) 569-6591
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TECHNICAL SKILLS

Languages | Javascript, TypeScript, Python, HTML, CSS, SQL

Frontend | React, React Native, Redux, GraphQL, Tailwind CSS, Styled Components

Backend | Node.js, Express.js, REST APIs, PostgreSQL, MySQL, MongoDB, Firebase, Auth0

Testing & Infrastructure | Jest, Mocha, Chai, AWS, Git

Productivity & Tools | Webpack, Babel, Jira, Confluence, Agile Methodology, Contentful, Optimizely, New Relic

WORK EXPERIENCE

Chegg | Santa Clara, CA

April 2023 – May 2025

Software Engineer II — Commerce Web

- Implemented frontend VPN-based region detection to localize checkout pricing, display compliance warnings, and block payment submission to prevent pricing bypass across ~4% of subscriptions
- Migrated commerce system to Recurly by rebuilding the frontend to support tokenized payments, implementing primary/backup payment method management with add/edit functionality using Redux, enabling wallet integrations, and integrating GraphQL data handling
- Integrated Optimizely feature flags and A/B testing to enable experimentation for pricing and checkout optimizations
- Enabled local currency (KRW) support for South Korean users and completed a full production rollout to all target traffic

Newman Smith High School, Carrollton - Farmers Branch ISD | Carrollton, TX

August 2019 – July 2022

Mathematics Teacher & Algebra 2 Team Lead

- Developed an interactive classroom web platform for a year-long Algebra 2 curriculum using Canvas, Desmos, HTML, and CSS to centralize instructional content
- Instructed 170+ students annually across Algebra 1, Algebra 2, and Pre-AP Algebra 2 aligned with state standards
- Led curriculum adaptation for 4 math teachers during remote and hybrid transitions amid the COVID-19 pandemic

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

Merge | personalized health records mobile app

January 2023

Full Stack Software Engineer

- Built a React Native CRUD application enabling users to organize and manage health records stored in PostgreSQL
- Implemented Firebase authentication with scalable rate limiting and secure session management
- Designed database schema and REST APIs with access control to support efficient record storage and retrieval

Fuzzy Friends | social networking app

January 2023

Full Stack Software Engineer and UI Design Lead

- Led a team of 6 engineers to build core features including authentication, matching, profiles, scheduling, and real-time chat
- Architected a real-time messaging component to enable interaction between matched users
- Designed reusable UI templates and wireframes to ensure consistency and alignment with product requirements

Orchid | e-commerce platform

October 2022 – December 2022

Full Stack Engineer

- Engineered reusable React components for product discovery flows to improve UI scalability and maintainability
- Designed client-side state persistence using local storage to support personalized user experiences across sessions
- Architected and deployed a RESTful backend with Express and PostgreSQL on AWS EC2 to support high-volume data access
- Improved database performance via indexing and query optimization, achieving ~1ms average latency and stress-testing system throughput at 1,000+ RPS using Artillery

EDUCATION

Hack Reactor

Advanced Software Engineering Certificate

January 2023

Full Scholarship Recipient

UIW School of Osteopathic Medicine

Medical School Acceptance

January 2023

Texas Teachers

Texas Educator Certification (Mathematics 7-12)

May 2019

The University of Texas at Austin

B.S.A. in Biochemistry

May 2018

Minor in Spanish

Business Foundation Certificate