

Kevin Duong

Software Engineer (Front-end)

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Resume

Work Experience

Freelance Designer & Self-Directed Web Development Training

03/2023 - Present

- Transitioned into front-end development through structured self-learning and hands-on project building.
- Built and deployed component-based web applications using React and modern JavaScript tooling.
- Strengthened debugging, testing, and documentation through iterative development.

SwiftPOD, LLC. — Project Assistant

10/2022 - 03/2023

- Produced 100+ digital mockups using Adobe Photoshop to support an internal product generator.
- Assisted R&D with production workflows, maintaining quality and consistency in deliverables.
- Supported packaging operations in a fast-paced environment through reliable process adherence and attention to detail.

Education

BA Design Studies — 3.45 GPA

San Jose State University, Dec 2020

Summary

Entry-level software engineer with a strong front-end focus in React and JavaScript. Experienced in building and deploying component-based web applications, integrating APIs, and developing maintainable UI architectures. Strong problem-solver with hands-on experience in debugging, testing, and iterative development.

Skills

Languages & Core Tech

- JavaScript (ES6+)
- HTML
- CSS / SASS
- Node.js

Front-End Development

- React
- Component-based architecture
- State management (custom hooks, reducers)
- Responsive UI development
- UI validation & interaction handling

Back-End & Data

- RESTful API design
- Express.js
- MongoDB
- Server-side caching
- Rate limiting & data refresh strategies

Testing & Debugging

- Manual testing
- API testing
- Debugging asynchronous flows
- Error handling & edge-case validation

Tools & Workflow

- Git & GitHub (CI/CD)
- NPM
- Chrome DevTools
- VS Code
- Environment configuration

Cloud Deployment

- Render
- Cloudflare Pages

Design & Collaboration

- UI/UX fundamentals
- Design systems
- Figma
- Documentation
- Accessibility-aware design

Projects

PigeonGamer v2 — Full-Stack App

10/2025 - Present

- Built a full-stack watchlist app using Node.js and MongoDB, enabling anonymous users (UUID) to track video game deals.
- Designed and implemented RESTful APIs supporting watchlist CRUD operations and game search via the CheapShark API.
- Implemented server-side caching with timed refresh logic to mitigate rate limiting and reduce external API calls.

CineRank — Single Page App

09/2025

- Built a React single page application that allows users to create and manage custom tier lists to rank movie titles.
- Integrated serverless Cloudflare functions for REST API handling and secure TMDB API proxying.
- Developed custom state management and lifecycle logic to support consistent updates for dynamic UI interactions.
- Implemented multi-container drag-and-drop interactions using React DnD.

BrutKit — React UI Component Library

05/2025

- Built a reusable React UI component library with controlled inputs, accessibility considerations, and documented usage.
- Defined component APIs and usage patterns to support consistent integration across applications.