

# Alex Carter

## ENTRY-LEVEL FRONT-END DEVELOPER

Enthusiastic front-end developer with 14 months of professional experience in React and React Native, recently promoted from Junior Developer. Actively growing Angular (2+) skills through hands-on personal projects and eager to contribute to production Angular applications.

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## PROFESSIONAL SUMMARY

Front-end developer with a strong foundation in JavaScript, TypeScript, and responsive UI development. Professional experience building component-based interfaces with **React** and **React Native**, plus earlier exposure to **AngularJS**. Currently self-studying and building side projects with **Angular 16–17** and modern tooling (RxJS, NgRx, standalone components). Known for thoroughness, detailed documentation, and an eagerness to learn from code reviews and architectural discussions.

## PROFESSIONAL EXPERIENCE

### Front-End Developer (Promoted from Junior)

Northwind Digital Labs

Portland, OR (Hybrid)

Jun 2023 – Present (14 months total)

Joined as a Junior Front-End Developer focusing on React and React Native, promoted to Front-End Developer within 12 months after consistently delivering high-quality components, testing coverage, and proactively mentoring newer interns.

**Tech stack:** React (18), React Native, JavaScript (ES2020+), TypeScript (introductory), Redux Toolkit, React Query, Styled Components, SASS, Storybook, Jest, React Testing Library, Git, REST APIs, Webpack, Vite, Node.js (for tooling), basic AngularJS exposure.

- **Component Library Ownership:** Contributed 20+ reusable React components (buttons, dialogs, form fields, layout grids) to an internal design system. Wrote detailed documentation in Storybook, including usage examples, prop tables, and accessibility notes.
- **Cross-Platform UI:** Implemented shared UI patterns across web (React) and mobile (React Native) for a customer feedback module, handling platform-specific styling and navigation while reusing business logic.

## TECHNICAL SKILLS

### LANGUAGES & CORE

PRIMARY: **JavaScript (ES6+)**  
**TypeScript (growing)** **HTML5** **CSS3**  
**JSON**

### FRAMEWORKS & LIBRARIES

FRONT-END: **React** **React Native**  
**Redux Toolkit** **React Query**  
**AngularJS (1.x)**  
**Angular 16–17 (personal)**  
**NgRx (personal)** **RxJS** **React Router**  
**React Navigation**

STYLING: **CSS Modules** **SASS / SCSS**  
**Styled Components** **Tailwind CSS**  
**Flexbox** **CSS Grid**

### TOOLING & TESTING

**Git & GitHub** **Jest**  
**React Testing Library** **Storybook**  
**Webpack** **Vite** **ESLint** **Prettier**  
**npm** **Yarn**

### BACK-END & OTHER

**Node.js (for tooling / simple APIs)**  
**Express (basic)** **REST APIs**  
**MongoDB (intro)** **JSON Server**

### FRONT-END FOCUS AREAS

- **Accessibility:** Improved accessibility scores from ~72 to ~93 (Lighthouse) by adding semantic HTML, ARIA attributes, keyboard navigation, and color-contrast adjustments across several key pages.
- **State Management & Data Fetching:** Used Redux Toolkit and React Query to manage API state for an order dashboard, including optimistic UI updates and error handling patterns. Documented the data flow patterns for new team members.
- **Testing & QA:** Wrote unit and integration tests for UI components using Jest and React Testing Library, routinely achieving 85–95% coverage in the areas I owned. Helped debug tricky asynchronous UI states with mock services.
- **Angular Exposure:** Assisted with maintenance of a legacy internal tool built in AngularJS (1.x), fixing minor bugs and improving forms while gradually refactoring small pieces for easier eventual migration to a modern framework.
- **Team Collaboration:** Participated in agile ceremonies (daily standups, sprint planning, retrospectives), created detailed tickets for front-end tasks, and actively requested code reviews to learn best practices for architecture, reusability, and performance.
- **Promotion Criteria:** Recognized for clear communication, consistent on-time delivery, thoughtful PR descriptions, and initiative in learning beyond immediate tasks (e.g., exploring CSS architecture and design tokens). Promoted from Junior Developer after 12 months.

## SELECTED PROJECTS

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### TaskFlow Pro (Kanban Productivity App)

Personal Project – Modern Angular (Self-Directed Learning)

Angular 17, Ongoing

**Stack:** Angular 17 (standalone components), TypeScript, RxJS, NgRx (store/effects), Angular Material, SCSS (BEM), RESTful mock API (JSON Server), Jest, Cypress (basic e2e), ESLint, Prettier.

- Built a Trello-style board where users can create boards, lists, and draggable cards with persistent state, focusing specifically on learning Angular 2+ architecture and best practices.
- Implemented a global state store using NgRx, with actions, reducers, selectors, and effects managing asynchronous operations such as loading boards and updating card order.
- Used RxJS extensively (e.g., `switchMap`, `combineLatest`, `debounceTime`) for search, filtering, and live updates within lists.
- Practiced Angular routing with lazy-loaded feature modules and route guards for a simulated "authenticated" set of routes, documenting the routing flow and guards in a small markdown guide.
- Applied Angular Material components with custom theming and typography, carefully mapping to a design spec I created

- Component-based architecture & reuse
- Responsive & mobile-first design
- Accessibility (ARIA, keyboard navigation)
- State management (Redux, NgRx, React Query)
- Form handling and validation
- API integration and error handling patterns

## ANGULAR 2+ LEARNING JOURNEY

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Although my professional work has focused on React and React Native, I am very intentionally building skills in modern Angular to transition into roles using Angular 2+ in production.

- Completed several Angular courses (Angular 14–17) on Udemy and Angular's official documentation, focusing on components, services, dependency injection, routing, and RxJS.
- Built and iteratively refactored the [TaskFlow Pro](#) Kanban app to practice Angular best practices (standalone components, NgRx, typed forms).
- Maintain a personal "Angular Notes" repository documenting common patterns, code snippets, and migration notes from older tutorials to newer Angular versions.
- Actively follow Angular community content (Angular Blog, NG Conf talks on YouTube) to stay current on new features and recommendations.

## ADDITIONAL ACADEMIC WEB PROJECTS

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### Interactive Resume Site

Created a single-page resume site using HTML, CSS, and vanilla JavaScript for smooth scrolling and section highlighting. Focused on semantic markup and clean, readable code.

### Photo Gallery with CSS Grid

Designed a responsive photo gallery using CSS Grid and Flexbox with different layouts for mobile, tablet, and desktop screens,

in Figma (including spacing and color tokens).

- Added form validation with `FormGroup/FormControl` and `async` validators for a fake "invite collaborator" flow, including descriptive error messages.

Code: [github.com/alexcarter-dev/taskflow-pro-angular](https://github.com/alexcarter-dev/taskflow-pro-angular) (in-progress; includes a detailed README describing architecture decisions and learning notes).

### FitTrack Mobile

React Native, 2023

Personal Project – React Native Workout Tracker

**Stack:** React Native, Expo, TypeScript (basic), React Navigation, AsyncStorage, Styled Components.

- Developed a mobile app for tracking workouts and personal records, focusing on building clean and reusable UI components and gaining comfort with React Native layouts.
- Implemented navigation between screens (Home, Workout Detail, History, Settings) with React Navigation, including bottom tabs and stacked navigation.
- Used AsyncStorage to persist workouts locally and implemented a simple sync mechanism simulation to prepare for future real API integration.
- Created a theme file with consistent spacing, fonts, and colors, and styled screens using Styled Components with strong focus on readability and maintainability.

Code & screenshots: [github.com/alexcarter-dev/fittrack-mobile](https://github.com/alexcarter-dev/fittrack-mobile)

### Campus Event Explorer

2022

Senior Capstone Project – University of Oregon

**Stack:** React, JavaScript, Node.js, Express, MongoDB, Tailwind CSS, Jest.

- Collaborated in a team of four to build a web application for discovering and bookmarking campus events, with filtering by category, location, and date.
- Owned the front-end structure, including routing, navigation bar, and event card components, focusing on responsiveness and reusability.
- Implemented a simple "My Events" feature where logged-in students could bookmark events, stored on the backend via a RESTful API (handled by teammates).
- Wrote a short style guide and component usage notes to keep the team's UI consistent during rapid iteration.

### Student Budget Planner (AngularJS Lab)

2021

Web Application Development Course Project

**Stack:** AngularJS 1.x, JavaScript, Bootstrap, RESTful API (mock).

- Built a small single-page app allowing students to add, categorize, and visualize monthly expenses, using AngularJS controllers and services.
- Connected to a mock REST API to load and save budget data, gaining first exposure to client-side routing and template binding.

ensuring consistent spacing and aspect ratios.

### JS Algorithms & Practice

Implemented small JavaScript utilities (debounce, throttle, deep clone, simple router) for practice, helping me understand underlying logic used in frameworks.

## SOFT SKILLS & WORK STYLE

- **Detail-Oriented:** I tend to over-document and carefully comment complex pieces of logic.
- **Enthusiastic Learner:** Frequently ask for feedback, seek code reviews, and enjoy pairing sessions.
- **Collaborative:** Comfortable in agile teams; enjoy discussions about trade-offs in UI/UX and architecture.
- **Communication:** Clear commit messages and PR descriptions; summarize changes and potential impacts.
- **Ownership:** Take responsibility for the components and features I build, including bug fixes and refinements.

## ACTIVITIES & INTERESTS

- **Local Meetups:** Attend Portland JavaScript and occasional Angular/Frontend meetups to learn from talks and meet other developers.
- **UI Experiments:** Regularly recreate UI components from popular apps (task lists, cards, navigation bars) as practice exercises in CodeSandbox.
- **Learning & Reading:** Follow blogs such as CSS-Tricks, Smashing Magazine, and Angular Blog to stay up to date on front-end trends and best practices.

## AVAILABILITY & PREFERENCES

- Actively seeking junior / entry-level front-end roles with a strong emphasis on **Angular 2+**, where I can grow under experienced mentors.
- Open to hybrid and remote positions; authorized to work in the U.S. without sponsorship.
- Very open to detailed code reviews and pair programming as a way to accelerate learning.

- Although based on AngularJS, this experience motivated my deeper exploration of the modern Angular ecosystem and TypeScript.

## EDUCATION

B.S. in Computer & Information Science 2018 – 2022

University of Oregon

Eugene, OR

GPA: 3.5 / 4.0 • Focus Areas: Web Development, Human-Computer Interaction

## RELEVANT COURSEWORK

- Web Application Development (JavaScript, AngularJS, REST APIs)
  - User Interface & User Experience Design
  - Mobile Application Development (introductory React Native concepts)
  - Software Engineering I & II (Agile, Git workflows, documentation)
  - Data Structures & Algorithms (Java)

## NOTABLE ACADEMIC PROJECTS

- **Interactive Course Planner:** Built a responsive web UI where students could plan course schedules and visualize credit loads, using vanilla JavaScript and CSS Grid.
  - **HCI Usability Study:** Conducted a small usability test for a mock mobile app interface; created personas, task scenarios, and a report with accessibility recommendations.