

# ANDREW SCHROEPFER

Full Stack Developer

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## CORE AREAS OF STRENGTH

- **Programming Languages:** JavaScript, **TypeScript**, HTML, CSS, **Python**, C++, C#, SQL
- **Frontend:** **React**, **Next.JS**, Redux & Redux Toolkit, Framer Motion, ThreeJS, Electron
- **Backend:** **Django**, **Node**, Express, Webpack, **MongoDB**, Mongoose, MySQL, Sequelize, **PostgreSQL**
- **Cloud:** **AWS**, Amplify, Lambda, CloudFront, **Firebase**, RT/Storage DB, Cloud Functions, SDK
- **Development Strategies:** **Agile**, Scrum, Unit/Performance Testing, **Docker**, Kubernetes
- **Design:** **UX Design**, Information Architecture, **Figma**, XD, **Photoshop**, Illustrator
- **User Research:** User Surveys/Interviews, Personas, **User Testing**

## PROFESSIONAL EXPERIENCE

**React.js Developer Apprentice** | *Alphaworks / Bitwise Industries* | February 2022 - Current

As a React Developer Apprentice, my role involved working with various technologies beyond ReactJS. My work encompassed **Node**, **Express**, **Next.js**, **MongoDB**, **PostgreSQL**, and **Django**. During the apprenticeship, I worked on **front-end and back-end** projects with various clients and teams. This training helped me to develop a deep understanding of numerous technologies, making me a **full-stack developer**.

- Developed a medical application to reduce procedure preparation time by 70%. **Collaborated with a team** using **Django**, PostgreSQL and Django REST API with **React.js** and **Bootstrap** to create a **scalable database** with **reusable components**
- Built unique websites for small businesses and **created easy-to-use administrative interfaces**. Used **server-side rendering** to improve search engine optimization by 100%. Integrated **REST API** endpoints to facilitate effortless data retrieval
  - Spearheaded **client communication**, assessed needs and worked closely together to create a website that fit the business goals and **increased customer discovery** by 80%

**Web Development Instructor** | *Bitwise Workforce Training* | September 2021 - Current

As a Web Instructor, I **taught** beginner-level courses on **website creation** and intermediate courses on **mobile-friendly development**, focused on responsive layouts. Worked closely with students to help them understand the material, answer questions, and provide feedback.

- Lead Websites for Beginners courses of 15-20 students, focused on basic **HTML** and **CSS**, Interface Development, learning **Git** workflows and working with **typefaces**
- Instruct Mobile Friendly Web development courses, with an average of 15-20 students, focusing on **mobile-first design**, responsive web layout, **Bootstrap**, and a strong emphasis on **Grid and Flexbox**

- Substitute for Javascript and React.js courses for classes ranging from 10-30 students covering topics on **basic Javascript to advanced React.js**

## PROFESSIONAL ACHIEVEMENTS

- Designed and developed a website for a local business, [Mixellence](#), chosen as the **winning project** out of **5 competitors**. Leveraged cutting-edge technologies, such as React.js, Next.js, Node, and Firebase
- Recognized during all-team meetings for **substantial impact on the team's success**, earning the distinction of "CSS Master"
- Managed and executed the implementation of an advertising campaign with a budget of \$80,000. Collaborated in designing display ads and logos for business and community events
  - Experienced an **80% increase in call volume** over ten months

## EDUCATION

June 2023	<b>Certified Web Developer</b> , State of California Apprenticeship program via Alphaworks
April 2023	<b>React - The Complete Guide (incl Hooks, React Router, Redux)</b> , Udemy Certificate #: <a href="#">UC-c3b08c9b-9a73-4eb5-b5df-bbb0c29b6c18</a>
August 2022	<b>Next.js &amp; React - The Complete Guide Certificate of Completion</b> , Udemy Certificate #: <a href="#">UC-9159929b-8196-4c38-91c1-9c0133df4633</a>
August 2022	<b>Understanding Typescript Certificate of Completion</b> , Udemy Certificate#: <a href="#">UC-6c0065bc-7f98-422b-99fa-b2dbcd15bbef</a>
June 2018	<b>Bachelor of Arts in Philosophy</b> , California State University, Fresno, Fresno, CA Minor in <b>Computer Science</b>

## REFERENCES

References Available Upon Request