

# ANDREW SCHROEPFER

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## CORE AREAS OF STRENGTH

- **Programming Languages:** JavaScript, TypeScript, HTML, CSS, Python, C++, C#
- **JavaScript Frameworks and Libraries:** React, Next.js, Redux & Redux Toolkit
- **Backend Technologies:** Django, Node, Express, Webpack, MongoDB, Mongoose, SQL, MySQL, Sequelize, PostgreSQL, Firebase, RT/Storage DB, Cloud Functions, SDK
- **Cloud Platforms & Services:** AWS, Amplify, Lambda, CloudFront
- **Project Management & Development Methodologies:** Agile Methodologies, Scrum Development, Debugging, Unit/Performance Testing, Docker, Kubernetes
- **Communication and Design Skills:** UX Design, Information Architecture, Prototyping Tools (Figma, XD), Adobe Creative Suite (Photoshop, Illustrator)
- **Data Analysis and User Research:** User Surveys/Interviews, Personas, User Testing

## PROFESSIONAL EXPERIENCE

### React.js Developer Apprentice | *Alphaworks / Bitwise Industries* | *February 2022 to current.*

- Developed a medical application, Procedure Card, 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 four small businesses and created easy-to-use administrative interfaces. Used server-side rendering to improve search engine optimization by 100% and 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, on average, by 80%
  - Maintained and updated all four websites while addressing clients' concerns and questions
- Created 50+ educational and professional projects with React.js, HTML, CSS, Javascript, Node, Express, and MongoDB
  - Communicated with designers and developers and managed 2-5 projects simultaneously. Maximized the team's learning opportunities and drove project success

### Web Development Instructor | *Bitwise Workforce Training* | *September 2021 to current.*

- Led a Websites for Beginners courses, with an average of 15-20 students, focusing on basic HTML and CSS, Interface Development, learning Git workflows and working with typefaces
- Instructed 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
- Substituted for Javascript and Intro 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." Advised and tutored a cohort of 10 other apprentices, troubleshooted projects and provided extra time outside of work to help master the craft
- 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 2018      **Bachelor's of Arts in Philosophy**, California State University Fresno, Fresno, CA  
Minor Degree: **Computer Science**