

Alexander Ela

Senior Software Engineer

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Albuquerque, NM

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WORK EXPERIENCE

Paramount

Senior Software Engineer

Remote | June 2022 - current

- Assisted large team of software engineers with building a stable web application to initiate unscheduled advertisement breaks during NFL Super Bowl LVIII.
- Refactored user interface for sports stream monitoring hub used internally by Paramount's streaming engineers.
- Significantly improved performance of sports stream monitoring hub by only allowing network requests required for web components visible to user.
- Migrated testing framework for main monorepo from Jest to Vite, which increased speed of test running by approximately 20-25%.
- Enhanced performance of suite of video processing web applications by implementing code splitting and React Suspense.
- Designed and built middleware between numerous internal web applications and their respective APIs.
- Refactor custom React hooks used for validating and completing uploads in specific web components to be useable throughout general web applications.
- Designed and built numerous custom, reusable React components using Material UI library.
- Mentored intern with limited knowledge of React who has since built custom React components used throughout software engineering team.

Esri

Software Development Engineer

Denver, CO | August 2019 - June 2022

- Developed 15-20 custom, scalable, JavaScript-based web applications that integrate Esri's geographic information system technology.
- Collaborated with Nobel Prize-winning World Food Programme to create Humanitarian Topographic Atlas, a lightweight database of maps of 170 countries and territories in need of humanitarian aid.
- Led international virtual React fundamentals workshop for 50-60 to Esri clients.
- Rebuilt CA State's Climate Explorer App aimed at helping conserve 30% of land & coastal waters by 2030.
- Created & refactored 15-20 custom, reusable React-based widgets & components used in public & internal web apps.
- Worked together with large team of engineers to build UI for JSON editor used by over 1,000 developers in Professional Services department.
- Led mentorship of new employee in JS/CSS who has since progressed to role of UI/UX lead on 2-3 projects.

SKILLS

- Languages: JavaScript, TypeScript, HTML5, CSS3
- Frameworks: React JS 18, React Native, NodeJS, React Router 6
- Libraries: Material UI, React Router
- Tools: Agile, Git, GitHub, Redux, Chrome/Firefox Dev Tools, Azure DevOps, Postman
- Testing: TDD, Unit Testing, React Testing Library, Jest, Enzyme, CI
- Server-side programming, REST
- Accessible technologies
- Mobile development best practices
- Spoken Languages: Spanish, French, German
- Citizenships: Chile, Hungary, USA

EDUCATION

Front End Engineering

Turing School of Software & Design

June 2018 - January 2019

Denver, CO

Master's of Arts

Leiden University: Art History and Criticism

2016 - 2018

Leiden, Netherlands

Bachelor's of Arts

University of California, Santa Cruz: French Literature

2003 - 2007

Santa Cruz, CA