

Alex Ross

San Jose, CA | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

San Jose State University

Bachelor of Science in Software Engineering, 3.8/4.0 GPA

San Jose, CA

Dec. 2025 (expected)

SKILLS

Languages: JavaScript, TypeScript, Java, Python, C, HTML, CSS, SQL, Assembly

Frameworks/Libraries: Node.js, Express.js, Next.js, React.js, React Native, Flask, Tailwind CSS

Database Technologies: MongoDB, MySQL, MariaDB, Mongoose, SQLAlchemy, Prisma

Developer Tools: Git, GitHub, Figma, Postman, VS Code, Vercel, LaTeX, Wireshark

WORK EXPERIENCE

Software Engineer

Jun. 2024 - present

Cinefind

- Developed automated online platform to connect audiences to local movie screenings, events, and festivals
- Led full-stack re-development of company website using Next.js, boosting performance by 55% and SEO by 33%
- Optimized database schema and user authentication, utilizing Prisma and MongoDB for back-end development
- Collaborating in an Agile environment, continuously enhancing software and processes through user feedback

PROJECTS

Split *TypeScript, Next.js, React.js, Prisma, MongoDB, Tailwind CSS* [\[Website\]](#) [\[Code\]](#)

- Web application where users can log their workouts and receive visualized data on their progress
- Improved data fetching by using asynchronous server components in conjunction with Next.js caching
- Incorporated NextAuth.js to manage user authentication, using Google as an authentication provider
- Applied Next.js App Router to handle navigation, loading UI, and to build a REST API

Vinyl Bot *Python, Cron, Jinja* [\[Code\]](#)

- Automated python scripts that provides real-time e-mail notifications when a desired vinyl record releases
- Utilized the Discogs API to retrieve records from a user want-list to determine which records are desired
- Leveraged the Reddit API with r/vinylreleases and cron jobs to retrieve real-time releases instantly

Spotifyfy *TypeScript, Next.js, React.js, Tailwind CSS* [\[Website\]](#) [\[Code\]](#)

- Web application that allow users to customize and play their own Heardle game with any Spotify playlist or artist
- Integrated Spotify API to retrieve playlists, artist's songs, and play snippets of songs
- Monitored and displayed user game statistics

CineFind (Personal) *Node.js, React.js, Express.js, Mongoose, MongoDB* [\[Website\]](#) [\[Code\]](#)

- Web application where users can find movies to watch based on genres, streaming services, actors, and more
- Users can write reviews, participate in discussions, create lists of their favorite films, and play a movie quiz game
- Created a REST API served by Express.js that collects and stores data with Mongoose and MongoDB
- Implemented user authentication using JWT to handle CRUD operations securely

LEADERSHIP & OTHER EXPERIENCE

Lead Basketball Instructor

Jul. 2024 - present

Lifetime Activities

Cupertino, CA

- Creating and implementing basketball skills programs for children ages 5-15

Operations Manager

Mar. 2022 - Sep. 2022

AMC Theatres

San Jose, CA

- Delivered essential HR functions including recruiting, payroll, staff scheduling, and team training