

# Harlan Evans | Software Engineer | Salt Lake City

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## Technical Skills

**Strong:** JavaScript (ES6+), React (Hooks, Router, Context), Redux, NodeJS, Express,, Git, MongoDB/Mongoose, PostgresQL, Sass/SCSS, RESTful API, Agile/Scrum, Mocha, Puppeteer, Chai, HTTP Protocols, HTML/CSS, Figma, Adobe XD

**Experienced:** TDD/BDD, Electron, Python, Webpack, OAuth, Cookies, BCrypt, Websockets, Ruby on Rails, TypeScript, CI/CD

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## Experience

**Pinocchio | Open Source** | Software Engineer

Venice, CA | 2021-present

*An Electron powered GUI for Puppeteer test generation with Mocha and Chai.*

- Architected an Electron.js host for a rich cross-platform desktop application, with a playful and user-friendly interface to create Puppeteer tests to simplify and accelerate testing process for development teams.
- Infused available Node.js library within Electron and the file system module to interact with user directories and hard-drive in OS for application code base integration, allowing users to reference code during test creation.
- Integrated TypeScript for object and state architecture, consistency across multiple components and functions, making codebase more reliable, allowing for greater maintainability as the project scales.
- Utilize ReactContext API for global state management, allowing for a modular codebase, and easier access for consuming components to access global state objects and state handler functions whenever necessary..
- Combined Mocha testing framework and Chai assertion library for flexible onboarding into different front and backend JavaScript frameworks, while allowing simple test creation with promise support and assertion chaining.
- Implementation of Puppeteer headless browser allowing for faster end-to-end testing and browser manipulation in generated testing suite.
- Led UI/UX design among a team of engineers, using styled-components and SCSS allowing for easier styling across multiple components for reusability and organization, leading to increased productivity and maintainability across codebase.
- Used NextJS to create the web portal for greater SEO and faster single page application development.
- Using Developed within the Scrum framework to boost productivity, transparency, and communication.

**DevPoint** | Software Engineer/Technical Mentor

Salt Lake City, UT | 2018-2020

- Mentored aspiring full stack engineers through group and one-on-one code review sessions and tutorial video creation for greater in-depth analysis and understanding of programming concepts.
  - Leveraged technologies such as React, Ruby on Rails, PostgreSQL, Material-UI, and Devise to make significant development contributions to the studios' client projects.
  - Headed PostgreSQL database design and React global state architecture of student management application.
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## Projects

**Plantopia** | Indoor Plant API

- Integrated third-party API to fetch data using AJAX requests from plant database allowing for an improved service and a faster development process
- Utilized NoSQL database(MongoDB/Mongoose) for flexible schema creation and simple model structure, creating a faster runtime from server API calls.
- Implemented RESTful architecture for all endpoints to maintain a reliable and standard data transfer from the server
- Configured Node.js/Express server for the declarative and maintainable middleware chaining pattern

**NeighborGood** | Real Estate Agent WebApp

- Focus on accessibility guidelines for easier use for users with disabilities, including highlighting of forms, unique HTML Node Id's and semantic HTML for readability.
  - Integrated Google's OAuth for increase of application security and easier user registration and login
  - Implemented Axios HTTP client for execution of HTTP requests, allowing for automatic transformations of JSON data and fluid promise architecture
  - Incorporated mobile-first design and dynamic rendering for addition of plant objects to local state
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## Public Talks

**SingleSprout Speaker Series** | What is Continuous Integration/Continuous Deployment?

2021

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## Interests

Rainy days | Aquascaping\Aquariums | Making Terrariums | Making my apartment a real life jungle of plants | Synthwave  
Making music | Lord of the Rings | Daft Punk & Gorillaz| Hiking & Camping| Skiing