JASON HAYES

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Experienced full-stack software engineer with front-end expertise and a background in electrical engineering looking for a mid-senior role where I can continue to make meaningful contributions, grow my career and showcase my unique charm.

EXPERIENCE

Indigo Ag   Boston, MA
Software Engineer   *August 2020 - July 2023*
- Developed a full-stack sustainability program enrollment solution allowing corporations looking to decrease their carbon footprint to incentivize farmers to implement sustainable practices.
  - Created a multi-step React/Typescript form utilizing RESTful Python endpoints to create and update program enrollments tailored to individual farmers, and finally to invite the farmers to participate.
  - Drastically improved the reach of farmers by allowing access to their fields across all enrollments.
  - Discovered and unblocked 8,000+ fields that were unavailable for enrollment due to an API logic flaw.
  - Increased engineering productivity company-wide by designing UI components used throughout the codebase and improving on existing components in the design system.
  - Cut time-to-development in half for engineers team-wide by creating a bash setup script that created all entities and relationships required to fully use and test the app locally.
  - Resolved production bugs as they arose by tracing the issue from the Sentry/Datadog logs to the UI.
  - Encouraged a fun work atmosphere by leading scrum ceremonies with a touch of humor.
- Developed a transportation logistics dashboard to help connect farmers that utilize sustainable practices with a large network of buyers (and vice-versa).
  - Added order creation and viewing capabilities for multiple user types by integrating a React/Typescript frontend with GraphQL endpoints.
  - Improved the user experience by developing a counteroffer flow to allow for instant negotiations.
  - Maintained >80% test coverage using a combination of Cypress integration tests and unit tests.

Analog Devices Inc   Wilmington, MA
Senior Test Development Engineer   *July 2007 - December 2019*
- Developed and debugged software/hardware solutions for the automated testing of complex Mixed Signal products including Data Acquisition and Power Management ICs.
- Optimized octal-site test capability to achieve a company record throughput of 20ms/device.
- Conducted wafer probe experiments that led to the improvement of test efficiency, company-wide.

Anheuser Busch   Baldwinsville, NY
Process Engineer Intern   *June 2005 - November 2005*
- Developed and implemented Siemen PLC programs to automate brewery operations as part of a process startup team.
- Debugged production programs in real time to successfully save several thousands of dollars worth of product.

PROJECTS

SQRL (Launch Academy)   *github.com/jhayes00/breakable_toy*
Find recipes and alternative ingredients based on existing pantry items   *React, Ruby on Rails, Postgres*
Game Grades (Launch Academy)   *github.com/Shades4355/game-gang*
Review app to research new games and track your favorites   *React, Ruby on Rails, Postgres*

EDUCATION

Rochester Institute of Technology   Rochester, NY
B.S. Electrical Engineering   *September 2002 - May 2007*
Launch Academy   Boston, MA
Full-stack Development Bootcamp   *January 2020 - May 2020*