

# James Allen

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**GitHub:** [github.com/james2allen](https://github.com/james2allen)

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## >LANGUAGES AND TECHNOLOGIES

- **Proficient:** React, Typescript, Redux, Redux-saga, Angular 2+, VueJs, AngularJS, RxJS,Python, JavaScript, PHP(Laravel), HTML5, CSS3, SCSS, Ag Grid, D3, Bash, Unix, Regex, C++, C, Java, jQuery, MySQL
  - **Exposure:** Node.js, ARM, scala
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## >PROFESSIONAL EXPERIENCE

### Doordash | Frontend Engineer - E4 | Toronto

AUG 2021 - DEC 2022

- Led the frontend for a template driven react project that would allow us to construct validating forms which enabled us to reduce the creation time of new regionally specific dasher onboarding flows by months.
- Championed an effort to increase security of the application by creating automatically running E2E tests using Cypress to reduce outages.
- Helped found Toronto web engineers weekly sync and create documentation for best coding practices for better smoother deployments.
- Successfully launched multiple regional expansions on the merchant onboarding app in Japan, Germany and Australia.

### The Home Depot | Frontend Engineer | Toronto

JUL 2019 - AUG 2021

- Worked on the senior team to develop a novel application more suited towards Home Depot needs using react, typescript and redux-saga. Led the team in implementing best practices for redux and react functional components.
- Led and mentored a team of junior developers during the development of a complex filter selection modal component that would allow users to traverse a filter hierarchy capable of consuming many data types.
- Developed multiple widgets for the platform that would allow users to see their top products metrics, sales overviews, trend graphs and heat mapped data. Resulting release had a customer satisfaction level of 93%.
- Formed and led internal coding group mentorships where frontend and backend coders would teach their peers their languages & best practices.

### Askuity | Frontend Engineer | Toronto

NOV 2018 - JUL 2019

- Developed conversion tool using Python 3 and Regex to quickly convert multiple files a day over to new Angular standards which gained recognition from SRED.
- Optimized "Territories" section of web application by cutting download speeds from 14+ seconds to just 4 seconds (Angular 2).
- Hosted multiple technical presentations explaining methods behind various changes & refactors to the rest of the team, and fostered team architecture planning process for complex frontend components.
- Recognized internally for providing comprehensive mentorship to new and junior developers on team.
- Led team's Angular 2 refactor of "Reports" feature - one of the most anticipated features - which allowed thousands of clients to generate reports with an increase in speed by 90%.
- Re-architected one of the most complex parts of the site, "Attribute Groups" that allowed data filtering using custom groups of products and stores. Resulted in a 100% reduction in 413 payload errors.

### Engage People | Software Engineer | Markham

MAY 2016 - NOV 2018

- Developed and maintained reward based SAAS software, using Laravel (PHP), React and VueJS.
- Contributed to key UX design decisions for the platform.
- Launched multiple partners on Podium SAAS platform; allowing them to configure employee and customer rewards websites (Td rewards, telus bravo etc) using a dashboard.
- Developed API sync between two in-house platforms (Podium & LRG), led to a 60% uptick in podium sales by allowing customers to spend their reward points with third party retailers.

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**>EDUCATION****Computer Science / Media Studies, *Western University***APRIL 2016

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**>LEADERSHIP + AWARDS****Homer Award - Providing Customer Value, *Home Depot***

2020

**Dean's List, *Western University***

2012-2014