

Sivasubramanyam A

A passionate frontend engineer with three years of experience in building Single Page Applications and Command Line Applications. Spearheaded the Performance Team that brought down initial bundle size by 120kb, drastically improved rendering performance and addressed numerous memory leaks. Led the efforts in implementing Continuous Integration and Continuous Delivery in the organisation.

Email hi@siva.dev

GitHub [astromersiva](https://github.com/astromersiva)

Website <https://siva.dev>

EMPLOYMENT HISTORY

05/2016 – Present

Member of Technical Staff at Zoho Corporation

Implemented core features for the Indian edition of Zoho Books, an online accounting software.

Devised a [technique](#) to do differential serving of bundles in EmberJS. This resulted in a reduction of 120kb in the initial bundle and an average of 300ms in JS Parse/Compile time.

Optimised the rendering performance of our list pages by implementing [clever tricks](#) in combination with occlusion that brought down the rendering speed to ~300ms from ~1400ms.

Introduced a [strategy](#) to eagerly make API calls based on users' behaviour resulting in perceived speed improvements of several hundred milliseconds on routes with slow API calls.

Discovered and addressed several memory leaks in our Ember applications and trained other developers in avoiding them.

Established and continuously improved a CI setup using GitLab CI that made it possible to ship our changes in under 20 minutes. This used to take several hours earlier.

Wrote a wrapper framework over Hugo and Gulp to unify the development setup of six websites.

EDUCATION

2012 – 2016

Anna University, B.E. in Computer Science and Engineering

Won the Honourable Chief Minister's Award for Excellence in e-Governance for building a web application to track civic grievances.

Won the national level Alan Turing Quiz organised by the Computer Society of India for two consecutive years.

PROJECTS

[@coyote-labs/ember-accessibility](https://github.com/coyote-labs/ember-accessibility)

ember-accessibility

An EmberJS addon to help identify accessibility violations during development.

github.com/astromersiva/lego

lego

A custom built static site generator that powers my [website](#).