

## TECHNICAL SKILLS

<b>Frontend Engineering</b>	Javascript (ES6), React, React Native, Redux, Typescript, NextJS, Jest, Design System, Babel/Webpack, GraphQL, Microfrontends, Accessibility, Localization, HTML5, CSS3, Git, Lerna, NPM/Yarn
<b>Backend Engineering</b>	.Net Core (3.x), REST, C#, F#, SQL Server, Microsoft Azure, GraphQL, NodeJS, Express, Koa, SignalR, Puppeteer, Microservices, DevOps

## WORK EXPERIENCE

### Front End Engineer

#### Aera Technology Inc.

11/2020 - Present

Pune, India

500+ Employees. Aera Technology delivers cognitive automation technology built for Fortune 500 supply chain giants.

- Spearheaded complete **modernisation of the entire codebase of our product**. Retired class components to make "hooks" as the default way along with other changes which resulted into exactly 322 files impacted, 107302 insertions and 208251 deletions!
- **Eliminated the old build system** and used CRA 4.x with CRACO overrides for Webpack and Jest resulting in removal of thousands of LOCs. Wrote a new webpack configuration for the micro-component.
- **Reduced bundle size, fixed FOUC, improved FCP** using common methods such as code splitting (per route), async loading of heavy dependencies. This reduced the initial JS to just 5kb and CSS to just 1.61kb.
- **Leveraged Web Workers to perform expensive operations** viz. processing an array of 50k objects.
- Expedited adoption of react-query, TailwindCSS, styled-components, Jest and react-testing-library, Prettier, ESLint and Storybook, removed old redux boilerplate code by using rematch and identified 20+ unused packages.
- Initiated the process of **integrating design system with TailwindCSS** and introduced utility classes which will potentially reduce 1000s of lines of CSS, since we're using micro front-end architecture.
- **Technology: React, Redux, Javascript (ES6), react-query, styled-components, TailwindCSS, Design System, Micro-frontends, Webpack, Rollup, Babel, Prettier, ESLint, AG Grid, Jest, react-testing-library.**

Contact: Ganesh Sundaram (Engineering Manager) - ganesh DOT sundaram AT aeratechnology DOT com

### Associate Technical Lead

#### Harbinger Systems Pvt. Ltd.

10/2017 - 11/2020

Pune, India

800+ Employees. HSPL is a service based company chiefly working in HR Tech domain

- **Managed a team of 7 full-stack developers** for Employer Branding and Order Management domains. Responsible for delivery, planning, running sprints and grooming junior developers and conducting technical screening of candidates.
- Worked extensively on **front-end, back-end, cloud and mobile technologies**. Demonstrated high flexibility and rapid responses to changing business requirements which proved to be the key to the success of our team.
- Architected and implemented end-to-end solution for **digital corporate contracts using DocuSign in just 30 days**. Wrote a robust integration with DocuSign APIs using JWT grant auth, created API layer, database structure and a seamless user interface.
- Launched end-to-end solution for Order Management module using Zuora **that would potentially handle millions of dollars in revenue**. Single-handedly implemented UI for the entire "checkout" experience.
- Oversaw and partook in the back-end development, creation of CI/CD pipelines, background jobs, bug-bashes and the final releases. Coded for a React Native app (later discontinued) which gathered around 1000 downloads.
- Revamped Employer Branding module using **Puppeteer (Chrome) to generate downloadable assets** (png, jpg, pdf). Optimised subsequent asset generation time from 20 seconds to just 1-2 seconds using simple caching (90% faster).
- Coached junior and senior developers, motivated the team to perform well, guided over 4 campus batches.
- **Technology: React, React Native, GraphQL, react-query, styled-components, TailwindCSS, Webpack, Design System, Prettier, ESLint, .Net Core, C#, F#, XUnit, SQL Server, Microservices, Microsoft Azure.**

Contact: Priyank Khamitkar (Project Manager) - priyank DOT khamitkar AT gmail DOT com

## WORK EXPERIENCE

### Senior Software Engineer

HCL Technologies Ltd.

07/2017 - 10/2017

Pune, India

160,000+ Employees. HCL Technologies is an Indian multinational IT services and consulting company

- Refined overall codebase by employing **functional programming concepts**, good unit tests, extracting common methods and writing clean code. Introduced many improvements viz. creating reusable components and conducting effective code reviews.
- **Resolved 90+ piled up bugs** within the 3 months of my stint. Built out numerous features, helped out fellow developers to solve business problems.
- Mentored a team of 5 junior developers in React, Redux and other front-end technologies.
- **Technology: React, Redux, ES6, Webpack, Jenkins.**

### Software Engineer

Harbinger Systems Pvt. Ltd.

01/2016 - 07/2017

Pune, India

800+ Employees. HSPL is a consulting company operating in HR Technology domain

- Started my career with Harbinger Group after graduation. Quickly became well versed with React, React Native, .Net Framework, C# and SQL Server 2016.
- Worked as a front end developer on a SaaS product suite. Contributed heavily to **improve the underlying architecture of front-end** by leveraging CRA configuration which brought down build time from ~60 seconds to just around 20 seconds.
- Joined the onshore team and developed numerous features and bugfixes in record time. Consistently cranked out around 15-20 story points per sprint, ran out of work items and spent time learning new technology.
- Devised 2 POCs - smart conference rooms using **Arduino board and React Native** with an internal incubation team. Assembled a bare-bones Android app for vending machines operated by **Bluetooth Low Energy**.
- Received 2 awards- "Superstar Developer 2017" and "Distinguished Contributor Dec 2016".
- **Technology: React, React Native, Android, C#, F#, MS SQL Server, Microsoft VSTS and Microsoft Azure.**

## RECOGNITION

Nomination - AeraStar (April 2021)

Aera Technology

Superstar Developer Award (April 2017)

Harbinger Systems

Distinguished Contributor Award (July 2018)

Harbinger Systems

Distinguished Contributor Award (February 2017)

Harbinger Systems

## OSS AND IN-HOUSE SESSIONS

OSS: react-boilerplate (05/2016 - 05/2017) [↗](#)

Slides: Functional Programming with F# (2018) [↗](#)

Slides: React and Redux for beginners (2017) [↗](#)

Many internal training sessions at Harbinger

## EDUCATION

Master of Computer Science

Pune University

05/2014 - 05/2016

"Outstanding" grade

Bachelor of Computer Science

Pune University

05/2011 - 05/2014

First Class

## INTERESTS

Mentoring

Fitness

Reading

TV Shows

Classical Music

Movies

Spirituality