ARVIND RAM SINGH KISHORE

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WORK EXPERIENCE

Team Lead, Senior Software Engineer, *HavenTech, New York, USA*   *October 2021 – Present*
- Led a high-performing **design system team** in the creation of the **Haven Design System (HDS)**, utilizing React and TypeScript. Componentized HTML elements to ensure AA accessibility standards compliance and implemented a **scalable Micro-Frontend architecture** in Storybook. Collaborated closely with product managers, UX designers, and cross-functional partners to drive results
- **Developed an agile framework** within the team, introducing a retrospective tool adopted company-wide. This framework was built on Google Cloud Platform using the GraphQL, Express, React Typescript, and NodeJS technology stack and integrated with Stripe
- Redesigned the application entirely to conform with **RFC accessibility compliance** and achieved AA accessibility standard alongside UI/UX and performance improvements to create a seamless customer experience. Accessibility and performance metrics were improved and integrated using Google Lighthouse tool. Transitioned Javascript code base to scalable Typescript platforms.
- Collaborated with **cross-functional teams** to resolve large-scale production issues and implemented a scalable Micro-Frontend architecture. Improved the quality of Agile SCRUM meetings by developing an App (Retro) to facilitate the retrospective meetings.
- Managed multiple teams simultaneously. Revamped the application builder tool leading the **Hamster product team** and built a highly scalable and documented library leading the **Haven Design System team**. Chapter lead mentored developers and designers.
- Started and led various developer communities for resource sharing like **FrontEnd Learning Talks** and **Performance Thursdays**.

Senior Software Engineer, *Vistaprint, Silver Spring, USA*   *January 2020 – October 2021*
- **Migrated over 2 million** users from our Legacy site builder to our newer flagship website builder. Designed exhaustive **database scripts** that perform deep verifications to map and match the older data model to the newer one without any hindrance to CX.
- Designed and developed completely **revamped dashboards** for Domains management, Email Hosting, and Customer website statistics applications that take advantage of the latest Micro Front-end design model. Developed using Gatsby and GraphQL.
- **Implemented localized URL** routing using Skipper in 26 languages and 22 locales. All localized URL maps to the same base app.
- Made the flagship website builder completely accessible to conform to the **AA standards** of the RFC Accessibility compliance.

Full-Stack Engineer, *Vistaprint, Silver Spring, USA*   *November 2018 – January 2020*
- Full-stack web developer maintaining the legacy website WEBS.com, working on various technologies like React, NodeJS, Spring Boot, Javascript, Groovy, Grails. Responsible for maintaining various apps within the webs code base. Sunsetted it later.

Software Engineering Intern, *Oath Inc., Dulles, USA*   *August 2017 – November 2017*
- Worked on various types of discrete time-series data sets using regressors from Scikit python tool to extract unseen patterns and useful information. These algorithms helped to make meaningful predictions potentially improving savings for the company.

Full-Stack Engineering Intern, *AOL Inc., Dulles, USA*   *June 2017– August 2017*
- Designed and developed a self-improving productivity dashboard using AngularJS, HTML5, and CSS3 with a user tracking plugin designed specially to wrap around the website in perfect synchronization. D3.js was used to build the graph visualization.

Design Head - Frontend Web Developer, *Fadstreet IITM, Chennai, India*   *June 2015– August 2016*
- Designed and maintained a website for a Fashion based tech start-up at the IIT Madras using major front-end technologies like AngularJS, NodeJS, Bootstrap and JQuery. Designed infinite scrolling with the help of a self-developed JavaScript plugin. REST API's were helpful to retrieve product details. Amazon AWS S3 buckets and EC2 were used to host our services.

COMPUTER SKILLS

Programming Languages	: C, C++, JAVA
Scripting Languages	: React, Angular, NodeJs, TypeScript, JavaScript, Python, JQuery, HTML5
Databases	: MySQL, MongoDB, Firebase RTDB, Cloud Firestore, and PHPMyadmin
Programming Certification	: C, C++, and JAVA (Certified by the *Academic Council of NIIT*)

PASSION PROJECT *(https://asynchretro.com/)* *[LIVE - WIP]*

Progressive Retrospective App - Single-handedly designed and developed a scalable retrospective web app that helps teams that follow Agile methodologies to retrospect asynchronously. This is a **real-time collaboration app** that uses **Firebase RTDB** along with its firebase cutting-edge **AUTH** implementation. This new retro app introduces completely new features like **Appreciations columns** and is completely lightweight and easy to use. This app will compete with already established **multi-million dollar companies** like *Retrium* and *Neatro* also providing competitive pricing at the same time. This app is readily scalable to handle millions of users by implementing the entire back-end data model with Hash Tables format which brings every user operation down to **O(1) constant**-time execution speeds.

EDUCATION

University of the Potomac   Vienna, VA
*Master of Science in **Information Technology***   2018 - 2019

ANNA University   Chennai, India
*Bachelor of Engineering in **Computer Science and Engineering***   2012 - 2016