

## Summary

Detail-oriented, organized and meticulous employee. Works at fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success with experience in designing and developing scalable web applications using cutting edge technologies based on micro-service oriented architecture.

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## Skills

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| • JavaScript, TypeScript                     | • React, Angular, NextJs, Vite, Electron |
| • NodeJs, NestJs, Express                    | • React Native, Ionic Framework          |
| • CI/CD: Jenkins, CircleCI, TravisCI, GitLab | • Web Security, OWASP                    |
| • HTML/CSS/SASS                              | • PostgreSQL, MongoDB                    |
| • Unit Testing: Jest, React Testing Library  | • Automation Testing: Cypress, Detox     |
| • API Design                                 | • Agile and Scrum Methodologies          |
| • GIT  | • Clean Code Practices and Standards     |
| • Technical Documentation                    |  |
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## Experience

### Zuhlke Engineering

Advanced Software Engineer, Singapore,

04/2021 - Present

Clinical Trial application for Singapore based healthtech startup.

- Built a web-application using React, Vite and NodeJs to help organizations perform remote clinical trial remotely.
- Developed reusable UI components using Chakra UI and invigorated the application's performance by adhering to React hooks standards.
- Integrated third-party tools and components into applications.
- Improved the state management of application by introducing Redux and Redux-Saga.
- Introduced the testing pyramid to outline responsibility for every team member.
- Developed robust and scalable microservice from scratch able to communicate with other services with event driven architecture (Kafka).
- Enabled automation testing of the application with Cypress with verification on delivery pipelines.
- Maintain ownership of microservices and represented the engineering team during business planning meetings.
- Perform peer reviews and share feedback.

Digital asset management platform for an investment firm

- Developed a React Native based hybrid application from scratch to trade with digital assets which recorded over 50k downloads for beta release.
- Collaborated with fellow engineers to redesign the existing admin web application for user management using React and NextJs.
- Integrated biometric login facility along with 2F authorization with service provider.
- Provided direction and guidance to process improvements and established policies.
- Added automation test scripts with Detox for reliable delivery and release cycles.
- Wrote unit tests using Jest and improving code quality and coverage using SonarQube analysis.
- Led a team of 3 frontend developers managing the ownership of web components used.
- Collaborated with management, internal and development partners regarding software application design status and project progress.
- Provided guidance and mentored less-experienced staff members.
- Performing peer reviews and feedbacks.

## **Alegion**

Software Engineer, Kuala Lumpur,

11/2019 - 03/2021

- Built a Data-annotation platform for web and desktop, used by large scale centers to annotate data points on image, videos manually or using CV (Computer Vision).
- Developed the client facing portal from scratch using React, Redux and Typescript used by over a 100k registered office workers.
- Managed and added new features to existing Java and Springboot based microservices, complying with the agreed best practices.
- Designed and documented the UI architecture for robust and scalable app following atomic design and SOLID principles.
- Created reusable UI components that can be accessed using Storybook and tested individually for performance.
- Developed a video player from scratch integrating VideoJs as base.
- Integrated Computer vision (OpenCV.js) for tracking and identification of objects.
- Wrote lambda functions for AWS, to generate thumbnails and previews of the images and videos uploaded to S3 bucket.
- Added unit tests and maintained a steady code coverage of over 80 percentiles of the business logic.
- Analyzed proposed technical solutions based on customer requirements.
- Informed internal personnel and external stakeholders of project milestones and participate on planning future roadmap of the application.

## **Indegene**

Engineer, Bengaluru | Ontario,

08/2018 - 11/2019

- Re-designed architecture for the new features of an existing Ionic/Angular project increasing performance by 80%.
- Create and maintain a style guide for use throughout the applications to ensure consistent design, fonts, colours, UI elements, etc.
- Add functionalities for offline mode in PWA using PouchDB middleware and supported plugins.
- Access user data from Microsoft Dynamics 365 CRM in regulation with GDPR, adding custom scripts to block Cross-site scripting (XSS)
- Work with different development and QA teams to code HTML/CSS mock-ups, test, and verify projects through the development process.
- Integrate Log Events-Firebase to track user actions on the existing application and generate automated reports for specified durations.
- Integrate existing project with LaunchDarkly feature management platform to separate code deployments from feature releases and ease deployment following Trunk-Based Development
- Working with code and development - reference architecture development, direct technical support for delivery projects, development tools maintenance
- Performs code reviews of other team member work and recommends changes to improve code quality.

## **Eduspace Technologies**

Senior Software Developer, Delhi

07/2017 - 07/2018

## **Revevol Technologies**

Java Developer, Delhi | Paris,

01/2016 - 12/2016

## **Essar-Aegis Global**

Quality Analyst, Gurugram,

02/2014 - 06/2015

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## Education

### **PG D: Advanced computer sciences**

Centre for Development of Advanced Computing,  
08/2016

### **B-Tech: Electronics and telecommunication engineering**

Christian College of Engineering and Technology,  
08/2014