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Summary Programming languages

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Software developer with 5+ years of frontend and backend experience out of which 3+ years of experience is of working in startup ecosystem. Specialized in building, architecting and desining

solutions for modern web apps.

Golang

Currently working at a reputed Indian fintech startup smallcase <https://smallcase.com/about>) @ **Work experience**

smallcase Technologies Pvt. Ltd. (Bengaluru) - Senior Software Engineer - Nov 2018 - present

Frontend technologies

HTML

PostCSS

**ReactJS**

**Redux**

NextJS

Webpack

* Have contributed to various consumer facing frontend projects / products based on ReactJs, Backend technologies some of them are CSR and some are SSR. On backend side have contributed in various

ExpressJS

NodeJS

GoFiber

microservices based on NodeJS and Golang. On the frontend side having a team of three people directly working under me.

gRPC

REST

* Contributions are not limited just to UI or service development but also a lot towards component / service design patterns, component & code reusability, architectural improvements, performance improvement experiments.
* As one of the senior members in the team working very closely with the product, design,

Tools

**Storybook**

**React Testing Library**

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analytics and QA team to ensure smooth development and delivery of a task by me and my

Open source

teammates. Also actively involved in the code review process.

contributions

* Owning a lot of frontend & backend projects and have completely owned a few frontend & i ICf?book/docusaurus backend projects, developed them from scratch and delivered them as a sole developer.

Onboarded new members to the project as the product grew. react-aria-menubutton

* As part of above mentioned point, had set up projects from scratch with ReactJS, WebPack, \*\* g C“)

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NextJS, TypeScript, Nodejs & Golang. Languages

* Performed a couple of experiments with PWAs in some applications, gained insights from • Bengali them, which is to be used or in use in other projects. Have also worked on deciding and • Hindi testing proper browser cache policy for different products. • English
* Contributed towards developer tools and workflows. Few examples will be setting up storybook and establishing story hrst development culture, setting up tools for automated changelog generation for our internally used packages, setting up CI/CD workflows to automate some dev workflows, setting up Jest, React Testing Library as unit testing setup. Our QA team had a requirement of adding predefined test IDs to DOM elements for their automated test suites, for that have developed a custom WebPack loader + plugin to load test IDs.
* Actively contributing towards frontend security improvements to prevents attacks like CSRF, XSS. As part of this made various changes in cookie management and implemented CSP.
* On the the backend working on integration projetcs. We have partnerships with a lot of stock brokers and our system directly communicates with the broker’s system. Contributions here mostly are backend services and libraries which work as a bridge between our backend systems and broker’s system. The services expose REST or gRPC APIs for rest of our services to communicate.

@ Work experience

* As a senior member of the team, involved in mentoring mid to junior level developers, conducting interviews for hiring, production deployment and product tech decisions. For new broker integrations, a couple of times have been the sole tech person to join meetings with the broker's tech team to understand and validate tech requirements.

Cognizant Technology Solutions Pvt. Ltd. (Kolkata) - Programmer Analyst - Jul 2016 - Nov 2018

* Worked on development of an internal robotic process automation tool, the main purpose of the tool was to automate periodic and manual tasks involved in a production support project. Acheived 50% reduction in human effort after the tool was implemented in prodcution on particular project.
* The frontend was built with JavaScript and CSS along with a CSS framework, the backend was in Python and MongoDB.
* Initially started with this project as a sole developer along with my manager, Later the dev team size went to three as the tool grew and I was involved in onboarding new devs.
* Out of many things some of my notable works in this project were building a drag and drop UI, rendering JavaScript based charts, connecting with different members of different production support projects, understanding their requirement then adding or enhancing features of the tool and coming up with different solutions.

B Education

West Bengal University of Technology, Kolkata - B.Tech in Electronics & Instrumentation Engineering - 2012 - 2016

Personal information

* Work locaiton: Bengaluru, Karnataka, India
* Home town: Kolkata, West Bengal, India