SHOVAN DHARA

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PROFILE SUMMARY

9 years of experience in **Front End Development** seeking a challenging position in any reputed product company would best utilize my expertise. The front end is no longer a user interface slapped on top of an application: it is an application with its own security, observability, deployment, and testing concerns. I work at the intersection of design, product, and engineering to craft delightful user experiences, and establish sustainable front end development practices.

Current Location: Bangalore
Notice period: 15 Days

Expertise – React | Angular | Javascript | Micro Frontend | Web Component

AREA of EXPERIENCE

Front End Technologies - Javascript , TypeScript, HTML5, CSS, SCSS

Backend Language – Node JS (Moderate Level), Python (Basic Level)

NoSql DB and Data Query Language – Mongo DB, GraphQL (Basic to Moderate Level)

Build – Webpack, ESBuild, Babel

JS Framework / Library – React, Redux, Angular (2,5, 7, 11), Web Component, Single SPA, ngRx, Express JS, Boostrap, Material UI, Cypress, Jest, ESLint, Lerna, Husky etc.

Schematics - Angular Schematics
Architecture – Monolithic, Micro Front-End

Security Integration - Subresource Integrity, Content Security Policy in CloudFront CDN
CI - CD / Infra – AWS S3, CloudFront, Helm Chart, Makefile, Jenkins, Nginx Config and Debugging, K8s, Docker

LinkedIn Profile: https://www.linkedin.com/in/shovan-dhara/
GitHub Profile: www.github.com/ShovanDhara / https://github.com/sdharagit

TECHNICAL PROFICIENCIES

Platform   **:** Windows, Mac OS
Tools   **:** Visual Studio, VS Code, Atlassian Tools, Node CLI, Angular CLI, Git, Microsoft TFS
Browser   **:** Chrome, Firefox, Opera, Safari, IE

PROFESSIONAL EXPERIENCE

Cisco, Bangalore   (May 2022 – Present)
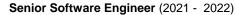**Designation:** Software Engineer

- **Software Engineer (L10)** (2022 - Present)
  – Working as a senior member of the technical team of Cisco SDWAN vManage Application.
  – Working extensively using React with Redux.
  – Mentoring and onboarding newcomers for vManage app
  – Suggesting process improvement, best practices across teams.

Infoblox, Bangalore   (April 2020 – May 2022)
Designation: Senior Software Engineer

- **Senior Software Engineer** (2021 - 2022)
    - Worked as module owner for On-prem in BloxOne product and was responsible for tasks like feature addition, unit testing, improvement etc.
    - Responsible for taking critical decision for UI related implementations and UX reviews.
    - Helped Infoblox to build a strong UI team in Bengaluru for B1DDI platform by interviewing engineers both from India and US.
    - Mentoring junior developer, code review while strictly following best practices.
    - Added gzip compression support AWS CloudFront distribution resulting in much smaller bundle size being served over the network drastically improving loading performance.
    - Experienced in developing UI in React JS environment

- **Software Engineer II** (2020 - 2021)
    - Designed and developed a micro front end loading platform for an existing monolithic UI, dramatically improving testability and UI load performance. This included a successful initial migration, and an approach to incrementally slice the monolithic UI into individual micro front ends.
    - Designed the deployment process for micro front ends using a range of technologies including Jenkins, Spinnaker, Kubernetes and AWS.
    - Open source contribution for Single-SPA library.
    - Created custom Schematics specifically for the platform that enable developers to convert Angular app into micro front-end boilerplate with a single command.
    - HLD creation for architectural changes and proposals.
    - Architected the concept of micro-component that can be exported from any MFE application. This concept was implemented throughout our MFE product.
    - Engaged on several POCs related to in depth build configurations for applications running on different frameworks.
    - Worked on content sharing platform like AWS Cloudfront, S3, implemented security improvement for CDN network with the help of Subresource Integrity, Content Security Policy etc.
    - Engaged on creating component libraries which used by other teams for day to day purpose. Also published and maintained library versioning system for the project.
    - Worked on other aspect of deployment stuff like Jenkins, Helm Chart , Kubernetes, AWS, Nginx, Spninnaker, Docker etc.
    - Participated in projects in all stages of the product life cycle. Worked in Agile SDLC methodologies.

Cognizant Technology Solution, Kolkata   (Aug 2014 – January 2020)
Designation: Associate at Digital Engagement Practice
Responsibilities and Achievements:

- **Associate** (2016 - 2020)
    - Creating modular, responsive templates using modern client side technologies. Experience using Material framework for various libraries like Angular, React for building Single Page Application.
    - Developed enterprise level application using Angular, Google Maps API, React and Redux from scratch. Experience using Ionic Framework, Kendo UI for various projects.
    - Python with Flask (Creating Rest API) and MongoDB for database management.
    - Recommended solutions for a streamlined, user-friendly interface with the design team.
    - Experience in using JWT for handling authentication and authorization for Node and Python Rest API.
    - Leveraging responsive web frameworks to complete deliverables ahead of schedule.
    - Experience participating various Hackathon Challenges (BU Level, Technology Vertical Level) and achieved many awards.

- **Programmer Analyst** (2014 - 2016)
    - Experience in building HTML5 app using QR Code and Bar Code Reader API. Used Express JS for building Node server.
    - Experience implementing Webpack, Grunt task runner and NPM package manager for project scaffoldings.

    –   Experienced in implementing AMD module technique using Require JS and used Knockout JS for frontend architecture and creating reusable components.

    –   Actively participated in creating front-end project architecture from scratch for web applications.

ICRA Techno Analytics Ltd, Saltlake, Kolkata   (June 2013 – August 22, 2014)

Designation: UI Developer

PROJECTS

Here are some of my significant projects so far -

Custom Angular Schematics Library – Developed a custom Schematics Library for automating the process of converting basic angular boilerplate to a Micro Front-end boilerplate which makes 107 individual changes in several files. This library was focused to ease the job of the developer who wants to onboard a new MFE application in the Infoblox SAAS Enterprise platform. The library is hosted in private npm repository.

Monolithic to Micro front-end migration - Architected, developed, lead a team, and deployed a micro front end loading platform for an existing monolithic UI application. Aside from developing the browser application, this included a large amount of deployment work involving AWS, Jenkins, spinnaker, helm, and Kubernetes.

Cushman and Wakefield Vatage Property Search - A property search and analysis based project with a duration of 3 years along with complex functionalities like user permission, permission grouping, Bing Map customization. Involved from scratch development to production release.

EDUCATION AND ACHIEVEMENTS

Examination	Year	Stream	Boards/University
Graduation	2011	Bachelor Degree in Computer Science	West Bengal State University

Professional Certification:
- Diploma in Software Engineering from Ramakrishna Mission Shilpamandira
- Certified User Interface Designer from Indus Net Academy
- Received Travel and Hospitality Icon Award from Cognizant Technology Solution.
- Completed Angular 2.0, ECMAScript 6, TypeScript certification from Cognizant Technology Solution.
- Spot award from Infoblox Athena Team.

PERSONAL INFORMATION

Date of Birth	: 07/12/1989	**Religion**	: Hindu
Relationship status	: Married	**Nationality**	: Indian
Linguistic Skills	: English, Hindi, Bengali & French	**Sex**	: Male

DECLARATION:-"I HAVE DECLARED THAT FACTS AND EVIDENCES GIVEN BY ME IN THE ABOVE APPLICATION ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE."