A N S H U L   J H A

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Accomplished full-stack developer with 3.5 + years of experience, specializing in the React (Next.js) and Java (Spring boot and Core Java) delivering robust and scalable web applications across diverse domains.

PROFESSIONAL EXPERIENCE

Quokka Labs LLP : Noida ,U.P   **October 2024 - Present**
Software Engineer (React and Java)

- Led backend development in the Car Wash domain using **Java 17** and **Java 21** with **Spring Boot** to build scalable and secure **RESTful APIs**.
- Built high-performance frontend applications using **React 19 with PWA** and **Next JS** architecture, leveraging **Vite**, **service worker**s, and **web workers** using libraries like **MUI**, **Lodash**, **Chart Js**, **User Events with Firebase**, **Deeplinking Siro.ai** and **React PDF.**
- Wrote comprehensive unit and integration **tests** using **JUnit** for backend and **Vitest** for frontend to ensure high code coverage and reliability.
- Deployed both frontend and backend applications via **Jenkins** pipelines across Dev, QA, and Prod environments using a structured **Git Flow** approach.
- Collaborated with distributed teams using **Google meet** , **Microsoft Teams** and actively participated in **Agile** ceremonies, including daily scrums, sprint planning, and retrospectives.
- Focused on performance **optimization**, application **security**, and minimizing technical debt through continuous code review and refactoring.
- Used **IndexDB** and other browser tools for front-end and **MySQL** along with **MongoDB** for back-end.
- Also worked on **Quill Editor** for **React js.** (Text editor for Web Applications)
  Work- EverLearnCampus, Sales Advisory Tool, Aqualab 4, Alfred (Client - **Sonnysdirect**)

BluePi Consulting Pvt. Ltd : Gurgaon,Haryana   **October 2023 - July 2024**
Software Engineer (React and Java)

- Primarily worked on **React JS (SCSS)** using **TypeScript** with **Context API** and **Java (Spring Boot)**, focusing on **AWS S3 Jenkins** for both frontend and backend development **: Domain was on Post Trade Application**.
- Avoided using any or unknown types, using custom hooks, **memoization**, and optimization techniques without third-party libraries on **React**.
- Customized the **AG Grid** Enterprise version for client-specific needs and implemented custom sorting, searching, and filtering using **WebSockets** and **RESTful** http methods for **React Js and Java** for custom queries.
- Wrote **Vitest** and **JUnit** test cases with an 89% coverage rate and managed frontend deployment through **Jenkins**.
  Work - Postrade Application : CRDS (Client **Osttra** - SnP Global)

Ottonomy.io : Noida, U.P   **Jan 2023 - September 2023**
Full Stack Developer (React and Java)

- Worked on **React Native CLI** using pure **TypeScript** with **Unit Testing**, leveraging **Redux** and **Context API** for state management with **GitLab** and **Github** for version control.
- Incorporating technologies like **MQTT**, **WebRTC**, and **Socket**.io for real-time communication with **RESTful APIs** and **WebSockets**. .
- Worked with **Vitest** and **JUnit** using **Typescript** in **React JS** and **Java (17) Spring boot**, achieving 75% test case coverage for the frontend.
- Worked on Projects like **LMS** and **CMS** with **Store Management** and **Admin Panel** for the Robot Ops UI.
  Work - Automated Transport (Client - **Goggo network**)

Pearl Organisation: Dehradun , Uttarakhand (Remote)   **Jan 2023 - April 2023**
IT Consultant (Freelance) - 3 months contract : Government clients

- First App deployed on **MERN Stack (React and Express)** (from Scratch) on COVID and ELAABH projects for NITI Ayog ,UK.
- Worked on an **Education** related application with **Java Springboot** using **MySQL** for database**.**

Talent iQo : Dehradun , Uttarakhand
Frontend Developer (Extendable Contract)   **Jan 2022 - October 2022**

- Worked on frontend development using **HTML**, **CSS** (**Bootstrap**), and vanilla **JavaScript** for base project.
- Developed with **React**.js with **Unit Testing** using **Context API** for **global state management**.
- Implemented **RESTful** APIs on the frontend.

SKILLS AND EXPERTISE

Languages : Java , **Typescript** and Javascript.
Tools : VS Code, Intellij , MySql DB workbench , MongoDb Atlas, Postman , Git / Github , Play store console , App store console , Jira , Confluence , Figma & CI/CD
Web Dev: **Node.JS**, Express.JS, **React.JS**, **Next.JS**, **Core Java** (17 and 21), **Spring Boot**, Mongo Db (NoSQL) , mySQL, MVC, REST ,Vitest (Jest) , Hibernate, JPA and ORM.
Mobile Dev: **React Native** (Expo and CLI).

EDUCATION & CERTIFICATIONS

Master of Business Administration	**Gurukul Kangri University**
Bachelor in Business Administration	**Gurukul Kangri University**
Programming in JavaScript	**META**
Advanced React	**META**
React Native	**META**
Version Control	**META**
Node.js and Express.js	**IBM**
React.JS	**TestDome**
MERN Stack	**Null Class**
DSA with JAVA	**Board Infinity**
BCA	**Arunachal University**

Leetcode Profile
Codewars Profile

PROJECTS

https://unifinder-pearl.netlify.app/ LMS Project

https://master--funclass.netlify.app/ - LMS Project focused on kids

https://block-coder-pearl.netlify.app/ - Informative Website for Crypto

https://enchanting-rolypoly-8c4e00.netlify.app/ - My Sister's portfolio

https://sat.sonnyscontrols.com - Sales Advisory Tool

https://alfred.hydraflexinc.com/ - Aqualab Early Module

https://sonnysdirect.com/ - Aqualab

https://quivio-aqualab.net - Latest module for AQ3 and AQ4

https://osttra.com/login - Worked on CRDS module

Farmprenuer App : React Native (Govt)

Little Lemon Restro App : React Native

Gail Gas Work Permit App : React Native (Govt)

Everlearn : Social media app for elder people