

# Sarvesh K Kesharwani

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Senior Frontend in designing and scaling frontend and full-stack applications for esteemed organizations such as Apple, Amazon, and Citi. Proficient in developing high-performing, accessible, component libraries, and cross-functional collaboration platforms that enable accessible Frontend application. Skilled in leading cross-functional teams and iterating with users to address real-world challenges. Committed to leveraging artificial intelligence, privacy, and performance at scale.

## Skills

### Full Stack Development:

Expertise in building scalable, performant web and mobile applications using React (Hooks, Context, etc), Micro-frontend framework, React Router, React Query and other React-related frontend technologies, Next.js, SSR/SSG React Native (Expo), and NestJS with GraphQL, React, React Hooks, TypeScript, JavaScript (Core JS) HTML5, CSS3, SASS, CSS-in-JS, Reusable UI Component Design, Responsive Web Design, GraphQL including functional and asynchronous programming paradigms like WebSockets, Web Workers.

Strong grasp of **SSR/SSG**, **micro frontends**, **code-splitting**, **lazy loading**, and performance optimization.

### Generative AI & LLMs:

Hands-on experience with prompt engineering, model fine-tuning, and leveraging LLM APIs (e.g., OpenAI) to build intelligent features and assistants.

### Cloud & DevOps:

Proficient with AWS services (EC2, S3, Lambda, RDS), Docker containerization, CI/CD pipelines, and infrastructure as code.

**Backend Systems & APIs:** Experience designing and implementing RESTful and GraphQL APIs, microservices architecture, real-time communication with Server-Sent Events (SSE), and distributed systems. Node.js, Java (Spring Boot), Python. Solid understanding of **BFF patterns**, REST APIs, and API security (OAuth, CSRF, XSS mitigation).

**Programming Languages:** JavaScript, TypeScript, Python, SQL, GraphQL, Spring Boot, NodeJS

**Tooling & Testing:** Vite, ESLint, Jest, Cypress, Playwright, Vite, Webpack, Rollup, CI/CD (Jenkins, GitHub Actions), Git, TDD

**Software Engineering:** Strong foundation in object-oriented programming, data structures, and software design principles. Full SDLC experience including testing (unit, integration, E2E), deployment, and post-release support.

**Cross-functional Collaboration:** Proven ability to work with design, product, and backend teams in fast-paced environments, including startups and large-scale enterprise systems, accessibility, performance, component libraries, and cross-functional collaboration.

**Leadership & Initiative:** Experience leading frontend initiatives, mentoring junior engineers, and owning critical product features from inception to launch.

## Awards

### **Innovation Award – Apple Ideathon (2018)**

Built an innovative Apple Store concept tool

### **Outstanding Performance Award – Deloitte (2016)**

Recognized for leadership and technical delivery excellence

## Experience

APR 2022 – PRESENT

**Vice President | Lead Software Engineer | Citigroup | London, UK**

- Lead the design, development, and delivery of scalable, high-performance web applications used in investment and corporate banking platforms.
- Own end-to-end architecture and decision-making for frontend systems built using **React, TypeScript, JavaScript**, and **GraphQL, Apollo Client, WebSockets**
- Collaborate closely with product managers, UX designers, and backend engineers to translate complex business requirements into intuitive, performant user interfaces.
- Manage a team of frontend engineers, providing mentorship, code reviews, and setting development standards and best practices.
- Drive Agile ceremonies including sprint planning, estimation, and retrospectives to ensure timely and high-quality delivery.
- Oversee CI/CD pipelines and frontend build processes using tools such as **Webpack, Yarn, Jenkins**, and **Artifactory**.
- Ensure secure coding practices, compliance with internal audit policies, and accessibility standards across frontend modules.
- Coordinate with global teams across time zones to deliver consistent user experiences for internal traders and external clients.
- Partner with DevOps and QA to automate testing, implement monitoring, and enhance the resilience of frontend applications.
- Evaluate and introduce new technologies, tools, or frameworks to improve frontend performance and developer productivity.

DEC 2020 – JAN 2022

**Senior Software Engineer | The Hut Group | Manchester, UK**

Spearheaded development of Artemis platform to quickly generate & customize 150+ ecommerce sites  
Built reusable component libraries using Next.js, GraphQL, and React  
Focused on accessibility, performance, and visual fidelity

SEP 2019 – DEC 2020

**Senior Software Engineer | Amazon | Edinburgh, UK**

Led UI for internal promotion platform processing large employee datasets  
Created scalable, performant apps using modern React stack  
Collaborated across engineering teams to meet SLAs in high-availability systems

JUN 2018 – AUG 2019

**Senior Software Engineer | Apple | Hyderabad, India**

Worked on secure web systems for device authentication and authorization  
Integrated frontend with complex backend microservices in high-scale environments  
Practiced continuous deployment, test-driven development, and internal tooling

APR 2015 – JAN 2018

**Senior Consultant | Deloitte | Hyderabad, India**

Built client-facing apps for global brands including J&J and Scholastic  
Acted as Scrum lead and technical mentor across multiple teams  
Initiated POCs and prototypes to validate solutions with business stakeholders

FEB 2012 – APR 2015

**Senior Frontend Engineer | Sapient Consulting | Gurgaon, India**

Delivered frontend systems for clients like Cigna, Harley Davidson, and Wood Mackenzie  
Worked on UI/UX integration, responsive design, and modular frontends

JUNE 2011 – FEB 2012

**Software Engineer | Global Pueblo Sourcing | Gurgaon, India**

Analyzing the requirements and Developing UI components for the website  
Coding & Unit testing, Defects fixing, Code Review

AUG 2009 – MAY 2011

**Software Engineer | Capanicus Technologies | Chandigarh, India**

Developing complex UI designs with optimized XHTML, CSS, JS, JSON focusing on browser

## Education

**Master of Computer Applications (MCA)**

Punjab Technical University

**Bachelor of Information Technology (BSc IT)**

Kuvempu University