

KUSHAL KUMAR K A

SOFTWARE ENGINEER

+91-968-636-2266 ✉ kushalkumarka54@gmail.com [in /KushalLinkedin](#) [/KushalGitHub](#)

[/KushalLeetCode](#)

PROFESSIONAL EXPERIENCE

Software Engineer | Motorola Solutions India | Bengaluru

Aug. 2024 - Present

- **Led & Architected** a scalable, modular **React.js (TypeScript)** component library using **Vite**, improving reusability by **35%** and cutting development time by **20%** across multiple Motorola applications; enforced UI consistency and reduced design debt.
- Showcased rapid adaptability within Motorola's NX-based **monorepo architecture**, configured **CI/CD** pipelines for tests, build, deploy and create mock dev server, streamlining the development process by **30%**.
- **Designed and implemented a serverless, globally distributed content delivery system** for UI assets using **AWS Lambda, S3, and CloudFront**, achieving a **70% reduction in asset load times** and significantly enhancing system **resilience, scalability, and latency** across Motorola's global user base

Software Developer | Deloitte US India | Bengaluru

Nov. 2021 - June 2024

- Served as a key developer of **Western Union Bank (WU)** project to build a web and mobile interfaces for ordering virtual/physical prepaid cards, efficient state management using **Context API** and **Redux toolkit**.
- Optimized **UI performance** by **40%** and cut data over-fetching by **60%** by integrating **RESTful** and **GraphQL APIs**, streamlined workflows using **React Query**, **Hook Form**, and **Ag-Grid**.
- Implemented **SEO** and **page performance optimizations** in a **ReactJS SPA** by introducing **lazy loading**, **reducing bundle size**, resulting in a **20%** uplift in Lighthouse **SEO** score. Used **styled-components** for styling.
- Engineered user interfaces using **React.js** and leveraged **Highcharts** for innovative **data visualization**, achieving a remarkable **70% enhancement** in transforming data representation methodologies for **Hitachi**.
- Independently designed and developed reusable **React.js** components without wireframes, proactively configuring **webpack** to boost user interaction by **45%** and help secure **\$1.3M** in client funding.
- Guided **2 junior colleagues** technically, resulting in a **30% improvement** in team productivity and **code quality**.

Trainee Developer | Deloitte US India | Bengaluru

Jan. 2021 - Nov. 2021

- Worked on multiple **POCs** as part of training using **React.js** and **TailwindCSS**.
- Developed an online **quiz portal** for internal employees of Deloitte to take mock tests on the certification exams with randomized questions and options to improve **user engagement and experience**.

TECHNICAL SKILLS

Programming	C++, Java, JavaScript, GoLang, Data Structure & Algorithms, Problem Solving
Frontend	React.js, TypeScript, JavaScript (ES6+), Redux, Context API, React Query, Tailwind-CSS, Styled-Components, Webpack, Vite, Ag-Grid, Highcharts
Testing & DevOps	Jest, GitHub Actions, NX Monorepo, CI/CD, Babel
APIs & Data	REST API, GraphQL, Axios, MySQL
Cloud & Infra	AWS Lambda, S3, CloudFront
Collaboration	Git, Jira, Agile, Figma (for UI alignment), Code Reviews, Mentorship

PROJECTS

React Resilience Monkey v1 | Motorola Solutions | Self-motivated

React.js, Tailwind CSS, Axios Interceptors, MongoDB

Apr. 2025

- Developed **React Resilience Monkey**, a fault injection tool for **React apps** that randomly **triggers** component crashes, **API failures**, and network **disruptions to validate** app robustness and error boundary effectiveness during development and testing phases.

ACHIEVEMENTS

- 2024: Received **gift coupon** for my performance within 45 days of **Motorola Solutions India**.
- 2023: Twice received **goodies** for my performance in the **WU Project in Deloitte US India**.
- 2022: Received a coveted **Spot Award (10K cash)** for my exceptional work with **HITACHI** in **Deloitte US India**.

EDUCATION

Visveswaraya Technological University

Bachelor of Engineering in Computer Science

Graduation : Aug. 2020

CGPA: 7.33/10