CONTACT

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in linkedin.com/in/abhigaur/

SKILLS

JavaScript (Native)

TypeScript

React.js

Redux

Node.js

Next.js

GraphQL

MongoDB

PostgreSQL

Docker

Kubernetes
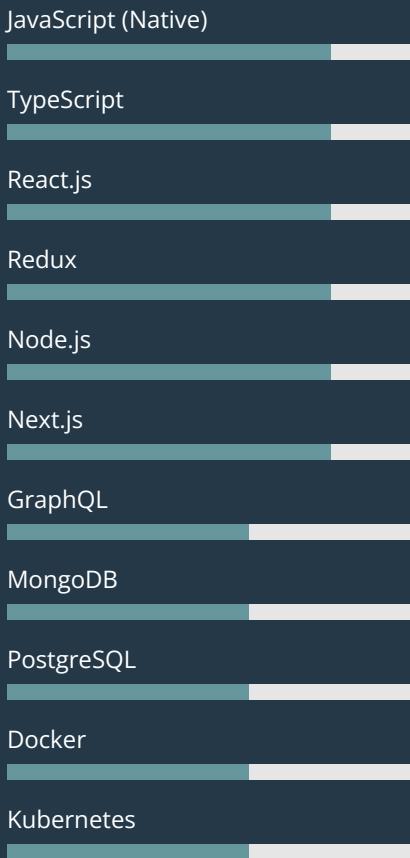
LANGUAGES

English ●●●●○

Hindi ●●●●○

ABHINAV GAUR

PRINCIPAL SOFTWARE ENGINEER

SUMMARY

I am an Engineering Lead and experienced Individual Contributor with 10+ years of expertise in building scalable, high-performance products across consumer and enterprise domains. I specialize in designing robust frontend architectures, developing reusable SDKs and component libraries, and driving performance and reliability at scale. I have successfully led teams to deliver mission-critical platforms, mentored engineers to raise technical standards, and owned projects end-to-end from design through production rollout. With strong skills in JavaScript, TypeScript, React, and Node.js, I thrive at the intersection of user experience, developer experience, and business impact.

EXPERIENCE

Engineering Manager / Individual Contributor
Nov 2022 - Present

Spheron Network

- Headed frontend engineering at Spheron, leading product development across core platforms — Fizz, Console, and Provider App — from architecture to production-grade rollout.
- Designed and built scalable frontend architecture and internal boilerplates that powered the Spheron Protocol ecosystem end-to-end.
- Authored the Spheron Protocol SDK, enabling seamless developer interactions with Spheron's decentralized infrastructure through a robust, modular interface.
- Mentored and grew a high-performing team of frontend engineers, establishing code quality standards, reviewing architecture, and driving technical excellence across the board.
- Led the development of an in-house UI component library, implementing the Spheron Design System to ensure consistency, accessibility, and dev velocity across all products.
- Improved performance score for their platform UI from 65 to 90 by reducing chunk sizes, decreasing script evaluation time, code splitting and moving to Suspense SSR Architecture in React
- Driven the project from migrating their entire platform's code base from Redux saga to RTK and WebSockets to Server-Sent Events(SSE)
- Owned performance, reliability, and scalability across Spheron's user-facing apps and internal tooling.
- **Tech Stack:** Node.js, React, Redux Toolkit, SWR, React Query, Next.js, TypeScript, Ethers.js, Viem, Wagmi, MongoDB, Storybook, Jest, Webpack, Rollup

Lead Software Engineer   Jan 2022 - Jun 2022
MakeMyTrip (India) Pvt. Ltd.

- Leading the entire Flights UI (Desktop and Mobile Web) operations from requirements gathering to shipping optimal code (**React.js, Redux, Node.js, nginx, docker**)
- Worked on improvement of Flights (Search Page) lighthouse score (**TBT, TTI, FCP, LCP & CLS**) from 30 to 70+ by using different techniques such as Custom Memoisation, Streaming(SSE & Binary Streaming), Off Main Thread Architecture, HTTP/2, Assets Prioritisation

Senior Software Engineer - II   Feb 2020 - Dec 2021
MakeMyTrip (India) Pvt. Ltd.

- Developed an highly scalable architecture for enabling internationlisation and localisation for Flights Web Platform (**Node.js, Express, React.js, Redux**, Django)
- Shipped multiple business / product features for Flights & Post Sales namely Flights + Cab (Cross sell), Price Lock, brand unification, Ad Tech etc.
- Did multiple POCs for improving architecture, testing framework and web performance
- Developed and handled MMT Careers Website (careers.makemytrip.com) by setting up repository, CI/CD pipelines, development of features such as candidates application tracking using third party API integration, creation of headless CMS. (**Next.js, React.js**, AWS Lambda, DynamoDB, Serverless)
- Awarded **Employee of the Quarter** (Q4, 2020-21)

Technology Consultant and Developer   Jul 2019 - Jan 2020
Freelancer

- Provided end-to-end services for early stage startups and businesses such as Trufix.in, Leadr.
- Guided product strategy, architecture, and scalability decisions to align technology with business goals.
- Consulted and developed projects in different technologies including **HTML5, React, NodeJS**, Socket.io, PHP, **MySQL**, memcached, Redis, WebRTC.

Software Engineer   Dec 2018 - Jun 2019
Xooa Inc.

- Developed an NPM module and UI to see the data for API telemetry and monitoring using **Node.js, ElasticSearch, React.js** (Team size: 1)
- Designed and developed an architecture for making Plugins which leverages Xooa's Blockchain Ledger Database with a provision for customised UI for each plugin(Team size: 1)
- Maintained and improved existing features such as Smart Contracts Deployment, Blockchain PaaS' UI

Sofware Developer   Aug 2016 - Nov 2018
BOOKMYSHOW (BIGTREE ENTERTAINMENT PVT. LTD.), MUMBAI
BookMyShow is India's largest Entertainment Ticketing Portal.

- Developed BookMyShow Partner Application(for cinema owners and staff) including the architecture design using Next Generation Technologies which include **Node.js, React.js, Next.js, React Native, Redux** (Front-end), **GoLang, MongoDB**, RabbitMQ (Back-end), **Docker**(for containerisation), Bamboo(Continuous Integration), Kubernetes(Deployment) on a microservices architecture.(Team size: 5)
- Built Boilerplate for server rendered React Apps with an option for Custom Server-side Framework.
- Maintained existing applications and designed and delivered new features for BookMyShow **PWA(Progressive Web App)**
- Part of the team for taking Data Modelling and Schema design decisions.
- Worked with Growth Team(Site Optimisation and Conversion Rate Optimisation) for improving the user flow funnel and Customer Experience.
- Trained a team of 5 of developers and discussed issues, reviewed pull requests in order to provide resolution, utilise best practices and ship optimal code keeping Memory, Performance and Security in mind.

Co-founder and Technology Head   Feb 2015 - May 2016
Legistify, Noida

- Responsible for developing and managing all the technical activities of the product and technology
- Developed legal facilitation web application on top of Model-View-Controller architecture
- Developed a web interface and REST API for searching lawyers on the basis of different filters like City, Law field and Area for consultation purposes
- Developed a DIY(do-it-yourself) online legal document creator
- Tech Stack: PHP(CodeIgniter framework), **MySQL**, jQuery

EDUCATION

B.E.(Hons.) & M.Sc. (Hons.) Civil & Chemistry   Aug 2011 - Jul 2016
BITS Pilani

- Professional Development in Advanced Web Development and LAMP(Linux Apache MySQL PHP) architecture
- Worked as Webmaster for Association for Computing Machinery, BITS Pilani Chapter
- Awarded as Best ACM Chapter by ACM India for 2 years during my tenure