

JATIN SHARMA

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SUMMARY

Senior Software Development Engineer with 8+ years of full-stack experience, excelling in building and scaling SaaS products. Proficient in React for robust frontend development and Python (FastAPI, Flask) for backend microservices. Certified in REST API Development, DevOps, Microservices, and Serverless architectures. Adept at designing and implementing high-performance APIs and optimizing entire tech stacks.

EDUCATION & SKILLS

Bachelor of Computer Science and Engineering Guru Nanak Dev University (GNDU) **2011 - 2015**

Technical Skills HTML, CSS, Javascript, React, React Native, NextJs, Solid Js, Python, Django, Flask, Fast API, Docker, Kubernetes, Serverless, Redux, Expo, REST API, PostgreSQL

Soft Skills Mentoring, Coaching, Public Speaking, Communication

EXPERIENCE

Software Development Engineer III

AngelOne Broking Pvt Ltd

Jan 2023 - Apr 2024

Bengaluru (Remote)

- Re-architected and optimized the trading platform, resulting in a **40% performance improvement** and enhanced user experience, demonstrating strong capabilities in optimizing the entire stack for speed and scalability.
- Developed the Portfolio Advisory module from scratch, enabling users to view and invest directly in curated stock portfolios.
- Led the end-to-end development of critical modules (e.g., Portfolio Advisory, Markets) from scratch, delivering new features and re-architecting existing functionalities with real-time data capabilities.
- Re-architected the IPO module to meet new product requirements. Implemented features like categorized order details display, direct order placement from details page, improved Orderpad functionality, added "Coming Soon" listings, and enhanced information on the Details Page.
- Developed the NPS module from scratch, triggering interactive Net Promoter Score (NPS) feedback forms every 15 days.

Tech Stack:- Solid JS (Signals, CreateResource, CreateEffect, CreateMemo, CreateStore), Tailwind CSS, Web Workers, Fflate, ChartJS, DayJS.

Software Engineer III

Vogo Automotive Pvt Ltd

Jun 2021 - May 2022

Bengaluru (Remote)

- Primarily, at this level, I acted as a solutionist to problems that the team used to face in the main app which was written in React as a PWA.
- Worked on one of the important features of Vogo Now- Ride Booking, which involved building some native screens to PWA screens, this allowed more over the air updates, which lead to 50% more user engagement than earlier as now we could ship bug fixes faster.
- Added offline support to the Vogo Now and Vogo Keep by using appropriate caching strategy. Prior to this user cannot have Active Ride while being offline (incase internet gets interrupted). Now even if the internet gets interrupted, the user experience is not hampered.
- Single handedly developed expo application of one of the products to be launched later this year. The app used advanced features like background location fetch, implemented camera image picker, circular timer using react native animated api, real time database integration via firebase, push notifications, async storage.
- Used Redux Toolkit and RTK Query to manage state and query the apis respectively
- Developed a Proof-of-Concept Backend API using **FastAPI/Python**, showcasing expertise in building efficient and scalable backend services for new product initiatives..

Tech Stack:- React (Hooks+Context API), Expo (Camera, Push Notifications, Background Location Fetch etc), React Native, Redux Toolkit, RTK Query, Firebase, Python, Flask

Software Engineer III

Airmeet

Dec 2020 - June 2021

Bengaluru(Remote)

- Worked on a WebRTC Application
- Developed a module in the existing application for logging and monitoring to Kibana, which sent the data over websockets.
- Developed and deployed backend APIs using Node.js and Express.js, and implemented real-time data communication via WebSockets, contributing to a microservices architecture

Tech Stack:- React (Hooks+Context API), Styled-components, WebSockets, Express, Node.

Senior Software Developer

ImpactQA

Jan 2020 - June 2020

Noida

- Managed and mentored a team of 3 developers, overseeing the development of custom UI components and optimizing project timelines.
- Build the components using React and React-Bootstrap required for the custom UI design system as required by the project. These custom components reduced time to build forms by one-third.
- Build the forms that used the components of the design system. The state was managed using the Context API.
- Designed and implemented robust APIs using **Flask and Python**, enabling seamless integration with frontend components and supporting crossfunctional team collaboration

Tech Stack:- React (Hooks+Context API), React-Schema-Table, React-Bootstrap.

Senior Software Developer

App-n-web

Oct 2019 - Jan 2020

Gurugram

- Worked on the client's project -a loan processing system.
- Build the form and state heavy modules for tasks such as post-closing fund-tracking and capturing mortgage information.
- Implemented some prefetching techniques which reduced the number of API calls by two-third. • Used Electron JS to implement a native desktop app along with webapp.

Tech Stack:- React , Redux(React-Redux + Redux-thunk), Axios, Material-UI, React-Router, Electron js

Frontend Developer

Self Employed

Jan 2017 - Jun 2019

Remote

CLIENT : Netaapp

- Worked on the Netaapp <https://play.google.com/store/apps/details?id=in.netaapp>.
- The application was a hybrid app consisting of Native code (30%) and React-Native code (70%). I was responsible for working on the React Native part.
- At my time of joining the project the company was developing version 2.0.0 of the app. And my role was to fix all the bugs that were there in the version 1.0.0 initially.

CLIENT : Growfit

- Worked at the company's internal panel. The project was built using React and Redux
- My role was to build the recipe module in the React and Bootstrap. I used Balsamiq to design the wireframes and then it was built using React and Bootstrap 3.
- The module enabled dietitians to share recipes that the company later shared with premium customers. **Tech Stack:- React, Redux, Bootstrap3**

CLIENT : University Project

- There was a need for the Library Management System (LMS) that I developed for one of the libraries at my university.
 - The frontend of LMS was developed by me in the React stack and backend in the Java Spring Boot by my friend.
 - Apart from this I also made some personal projects for grasping more of the React and Redux and React ecosystem along with Mobile apps on React Native and Desktop apps on Electron js .
- Tech Stack:-React, React Native(React Navigation, Styling , Async Storage, Native Features) , Styled Components, Redux , React-Redux, Redux-Thunk, Electron js, Graph QL, Axios**

Associate Software Developer

Tech Mahindra

Dec 2015 - Sept 2016

Bengaluru

- Worked on the company's patented software the Unified Data Migration Framework (UDMF) in their Data Migration Services (DMS) department.
- Authored complex SQL queries and procedures for data migration projects, demonstrating a strong foundation in **database management and optimization**, crucial for handling large datasets and ensuring data integrity.
- As part of the project I was the sole person on the team to write Macros in VB that were used in profiling the data in excel.
- Apart from this, I received training in BI (Data Mining, Talend and Tableau) and Big Data (Hadoop, HDFS, Scoop, Pig, Grunt, Hive).

Tech Stack:- PI/SQL, SQL, BI and Big Data Tools.