

# Shikhar Pratap Singh Chauhan

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Noida, UP

## EDUCATION

- **Dehradun Institute of Technology** Dehradun, UK  
*Bachelor of Technology - Computer Science and Engineering: GPA: 7.18* Aug 2018 - May 2022

## SKILLS SUMMARY

- **Languages:** C++, JavaScript, Typescript
- **Frameworks:** ReactJs, NextJs, Jest, Test Driven Development(TTD), Redux, NodeJS, .Net
- **Tools:** GIT, MongoDB, XCode, Postman, Lighthouse, Webpack, GraphQL, SonarQube, Github, Proxyman
- **Containerization & Orchestration Tool:** Docker, Kubernetes
- **CI/CD Tools:** Jenkins

## EXPERIENCE

- **Tiket.com** Noida, UP  
*SDE-1 (Full-time)* Apr 2022 - Present
  - **Flight and Car Vertical Revamp:**
    - Engineered and deployed the overhaul of our flight and car verticals(SRP & PDP), migrating to a new architecture using **Javascript** framework **Next.js** while integrating it with the backend (BE) through **RESTful APIs**.
    - This effort resulted in a remarkable increment of page performance by **29%** as tracked by **Lighthouse** is a significant achievement. **Streamlined the code-base by 18%** is also impressive, as it indicates improved efficiency and maintainability using **reusable components**.
    - Virtually eliminated page downtime or crashes by implementing robust error handling is crucial for providing a smooth user experience. Finally, transitioned to **SSR (Server-Side Rendering)** to improve page load times, as it enhanced perceived **performance** and **SEO**.
  - **New Transport Vertical Launch:**
    - I took on the challenge of creating an entirely new Order page for transport vertical (Ferry), from conceptualization to launch where we used **ReactJs** for architecture and **Typescript** for validating the **Props** which reduced the errors possibility within the pages.
    - Designed and deployed a **microservices-based architecture** utilizing **HTTP, REST, and JSON**, aimed at **optimizing system performance, scalability, and reliability**
    - Our code was **Responsive, Modular, and Reusable**, leading to an outstanding Lighthouse score of over **95** on the production build.
    - Utilizing **Webpack** and **NPM** for our project was a common and effective choice for handling javascript packages, especially in React framework.
  - **Post-Purchase User Experience Enhancement:**
    - Transformed the post-purchase user experience by **Redesigning** the orders page with modern **UI** concepts and **Responsive design**.
    - This initiative resulted in a remarkable **38% performance improvement** while simultaneously reducing the code base by **27%** which resulted in **70% reduction in bugs**.
    - Integrated thorough tracking mechanisms using **GTM(Google Tag Manager)** to provide valuable insights to our product teams, enhancing their understanding of user behavior and guiding further improvements to the projects.
    - Wrote unit test cases using **Jest testing library** for the final product was a crucial step in ensuring its **Reliability** and **Maintainability** for individual components.
  - **Developing Core Library:**
    - For the past five months, I've had the opportunity to work closely with the core team, focusing on the maintenance and development of the **core library** that is utilized across all verticals at Tiket.
    - My primary responsibility has been to create and optimize several dynamic **passport components**, such as the ChatBox, Action Banner, and ButtonSlider, which have played a key role in enhancing the overall frontend experience for end users.
    - This role has allowed me to contribute to both the technical development and the seamless integration of components that support the growth and efficiency of Tiket's platform.
- **Metron Security** Pune, MH  
*Associate Software Engineer* Jan 2022 - Mar 2022
  - **Intern Training::**
    - 2 months of rigorous bootcamp which trains interns in frontend, backend(Nodejs) and devops technologies.
  - **Integration Lab Dashboard::**
    - Worked with multiple teams to deliver internal application for the organisation which is used by thousands on daily basics, technical contributions to the project include the development of multiple frontend components using react as well as development of api using REST Apis.