

Bhilai  
Chhattisgarh,  
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## Mehul sahu

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<https://github.com/sahumehul>

### Education

<b>Bhilai chhattisgarh, India</b>	<b>10x academy</b>	<b>March 2023   Oct 2023</b>
<ul style="list-style-type: none"><li>• MERN Stack Developer</li></ul>		
<b>Bhilai Chhattisgarh, India</b>	<b>RCET college(CG,India)</b>	<b>July 2016   May 2020</b>
<ul style="list-style-type: none"><li>• B.tech(Mechanical engineering)</li></ul>		

### Internship

<b>Web Developer</b>	<b>Innobyte services</b>	<b>April 2024   May 2024</b>
New Delhi, India		
<ul style="list-style-type: none"><li>• <b>Technologies Used:</b> JavaScript, React.js, Framer motion.</li><li>• <b>Github repo:</b> <a href="https://github.com/sahumehul/React-kingsukhGuestHouse">https://github.com/sahumehul/React-kingsukhGuestHouse</a></li><li>• <b>Live link:</b> <a href="https://kingsukhguesthousebymehulsahu.netlify.app/">https://kingsukhguesthousebymehulsahu.netlify.app/</a></li><li>• Worked using React and CSS, Framer motion for animation.</li></ul>		

### Working Technologies

- Javascript: ES5/ES6, php
- ReactJS: function components, Context API, Hooks: useState, useEffect, useContext etc...
- Utilized React-Bootstrap and Material UI for responsive and aesthetically pleasing UI components.
- Express JS, NodeJS, MongoDB: Experienced in using these technologies for production-level applications, including building APIs and managing server-side operations.
- HTML: HTML5, Web Accessibility, Semantic elements:
- CSS / CSS3: Flex box, tailwind and other raw CSS:
- Git: Git hub

### Personal Projects

- **Ride-Booking App** **(12/2024 - 12/2024)**  
**GitHub:** <https://github.com/sahumehul/Ride-Booking-app.git>
- Technologies Used: React JS, JavaScript, HTML, CSS, Node.js, Express.js, Mongoose, MongoDB, Socket.IO, GSAP, Tailwind CSS, Google Cloud
- Real-Time Functionality: Integrated Socket.IO to enable real-time communication between drivers and users for seamless ride updates and notifications.
- Location Features: Utilized **Google Cloud APIs** to provide accurate pickup and destination location suggestions and dynamically calculate ride prices based on distance and route optimization.
- Authentication & Authorization: Implemented secure user authentication using JWT tokens and password hashing with Bcrypt for enhanced data protection.
- RESTful APIs: Designed and implemented RESTful APIs with Express.js for smooth interaction between the front-end and back-end.
- Error Handling & Validation: Integrated robust error-handling mechanisms and input validation to ensure reliable and accurate data processing.
- Responsive Design: Created a mobile-first, fully responsive design using React, Tailwind CSS, and GSAP for smooth animations and an engaging user interface.