SAHIL GUPTA

SOFTWARE ENGINEER

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SUMMARY

- **Frontend Developer**

With over two years of experience, I specialize in user interface design, problem-solving, and the creation of user-friendly web interfaces. I am recognized for my rapid learning ability, meticulous attention to detail, and capacity to deliver scalable solutions in dynamic environments. I have successfully completed four projects and contributed to various internal tools for real-world applications at SpiceJet. I am now seeking a frontend developer position at a product-focused or innovative technology company where I can enhance impactful user experiences and further advance my professional development.

TECHNICAL SKILLS

- Languages:
  - **JavaScript (ES6+) –** Core language for building dynamic, interactive web applications.
  - **HTML5 & CSS3 –** Semantic, responsive, and accessible UI development.
  - **SQL –** Writing queries and integrating with backend systems.
  - **Core Java –** Academic and project-level experience, especially for Android.
  - **C –** Strong understanding of fundamentals and logic building.
  - **XML –** Used for Android layout and structured data formats.
- Frontend Technologies: React.js, React Native, Next.js, Redux, Bootstrap, Material UI.
- Backend & Database: Node.js, MySQL.
- Version Control & Tools: Git, GitHub, NPM, Android Studio, ZPL.
- Frontend Practices: Responsive Design, Cross-Browser Compatibility, Accessibility, Usability Heuristics.
- UI/UX Skills: Prototyping, Interaction Design, Visual Design, User Research, Information Architecture, User Testing.

PROFESSIONAL EXPERIENCE

Spice Tech (A Group of SpiceJet)

Group Tool Booking   **Jan 2023 - May 2025**

- Developed a web-based group booking platform using **React.js** for internal teams and agents.
- Implemented Redux for efficient state management and **skeleton loading** for better UX.
- Designed responsive UI components using **Material UI** and **Bootstrap.**
- Integrated data handling, validation logic, and form flow for accurate booking submissions.
- Improved internal workflow and reduced manual booking errors through automation.
- **Phase 1 has been deployed successfully, and development for Phase 2 is now underway.**

Flight Routes   **Jan 2025 - Feb 2025**

- Built a responsive flight route visualization tool using **React.js.**
- Integrated Leaflet.js to display interactive maps with dynamic airport and route data.
- Used Material UI and Bootstrap for styling and layout.
- Implemented dynamic routing animations based on selected airports.
- Utilized third-party libraries to enhance map interactivity and UI responsiveness.
- Successfully deployed with full functionality.

WEB DCS   **Jul 2024 - Dec 2024**

- Developed boarding pass and baggage tag generation system using ZPL (Zebra Programming Language).
- Created and formatted ZPL templates to support multiple printing layouts for different airport hardware.
- Collaborated with operations and R&D teams to align output with airline and airport requirements.
- Improved printing accuracy and speed across kiosks and internal systems.
- Contributed to deployment and testing across multiple environments to ensure reliability.

GST Dashboard   **Mar 2024 - Jun 2024**

- Designed and developed a full-stack GST tracking dashboard using React.js (frontend) and Node.js (backend).
- Implemented role-based access control to restrict features and data visibility by user type.
- Integrated data aggregation to display invoice counts and summaries in real time.
- Built intuitive UI components with Material UI and ensured responsiveness across devices.
- Helped streamline internal tax data tracking and reporting processes.

Messaging Dashboard   **Mar 2024 - Present**

- Designed and developed a full-stack template tracking dashboard using React.js (frontend) and Node.js (backend).
- Implemented a template whitelisting system for managing SMS and notification formats.
- Created intuitive UI components with Material UI and Bootstrap for clean, responsive design.
- Integrated a template whitelisting feature to manage and approve SMS or notification content.
- Streamlined internal communication workflows and ensured compliance with messaging standards.

EDUCATION

RPS GROUP OF INSTITUTE   **Aug 2018 - Jun 2022**
MAHENDERGARH (Haryana)—B-TECH(CSE)

- During the 6th semester, developed a NEET preparation app as part of course work.
- In my final semester, I developed an online payment application as part of my capstone project.

Aishly Public School   **CBSE | 2018**
Ateli Mandi (Haryana)—12th

Aishly Public School   **CBSE | 2016**
Ateli Mandi (Haryana)—10th

SOFTWARE & TOOLS

- **Frontend Frameworks:** React.js, React Native, Next.js, Redux.
- **UI Libraries:** Material UI, Bootstrap.
- **Backend Tools:** Node.js, NPM.
- **Database Tools:** SQL.
- **Version Control:** Git, GitHub.
- **Development Environments:** Android Studio, VS Code.
- **Other Tools:** ZPL (Zebra Programming Language), Postman, REST APIs, Figma (for prototyping).