

Shrutika Maske

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Nagpur, Maharashtra - 440008

4+ years of experience in building interactive and user-centered website design to scale. Experience in all the phases of SDLC like Requirement Analysis, Implementation, and maintenance and extensive experience with agile and SCRUM.

SKILLS

- CSS3, Bootstrap
 - JavaScript
 - React JS, Hooks
 - HTML5
 - GraphQL
 - TypeScript
 - Restful API, Ajax
 - Git
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PROFESSIONAL EXPERIENCE

Futops Technologies India Pvt Ltd - Pune

Nov 2020 - Present

Senior Software Engineer

- Drives innovation in front-end development, integrating new methodologies to improve performance, accessibility, and maintainability.
- Provided mentorship to junior, sharing best practices for working with code integration, and performance optimization. Conducted regular code reviews.
- Worked on 6-7 projects. Highly impacted project description listed below:

Road Event Detection:

- The project involves using a Leaflet map to display locations of cameras for monitoring road activity and real-time alerts for events such as traffic congestion.
- Implemented caching strategies to store frequently accessed map tiles locally, reducing the number of server requests and improving load times. Initial map load time decreased by 60%, from an average of 5 seconds to 2 seconds.
- Integrated WebSocket technology to enable real-time streaming of alerts. Users received real-time alerts with a latency of less than 1 second, significantly improving the platform's responsiveness to road events.
- Worked closely with back-end engineers to optimize API endpoints for camera data and alerts, ensuring efficient data handling and transmission

People tracking

- The "People Tracking" project involves using Heatmap.js to display a heatmap that visualizes the density of people in different areas based on real-time data.
- Successfully integrated a feature using the company's UI kit that allows users to draw and select specific rectangular areas on the map.
- The number of people in these areas is tracked over time and displayed using a line UI points.
- Collaborated with UX/UI designers to ensure the heatmap interface remained intuitive and user-friendly, with clear visual cues for dense and sparse areas.
- The rectangular area tracking and line graph features were designed to be easily accessible and interpretable by users.

InfoStretch Corporation (India) Pvt. Ltd - Pune

July 2019 - Jan 2020

Associate Software Engineer

- Contributes to small, well-defined tasks and projects
 - Have worked with web debugging tools (Chrome Developer Console).
 - Supports the team by fixing bugs and performing minor feature enhancements
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EDUCATION

Sept 2016 - Jan 2019

Yeshwantrao Chawan College of Engineering
Bachelor of Engineering in Computer Technology - CGPA **8/10**

AWARDS

- Stalwart Performer Award, Futops Technology.
- Quality Championship Runner-up, Futops Technology.
- Star Enabler Runner-up, Futops Technology.
- Cloud 9 Collaborator, Futops Technology.