

SHRUTIKA MASKE



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[Portfolio](#)



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Summary

Software Engineer with 5+ years of experience developing scalable websites, focusing on React JS, TypeScript, and cloud integration. Proven track record in optimizing performance and delivering results using Agile methodologies. Key contributions have led to improved system efficiency by up to 40% and accelerated development timelines by 30%.

Skills

- **Framework/Library:** React JS (Hooks), CSS (Styled-components, Tailwind, Bootstrap)
- **Languages / Scripts:** JavaScript, TypeScript, HTML5, CSS3
- **Frontend Development Tools:** NPM, Babel, Webpack, ES6, ESLint
- **APIs:** REST API, GraphQL, AJAX, AWS Amplify, Apollo Client
- **Version Control Tools:** Git (Bitbucket, GitLab, GitHub)
- **Other Tools:** Visual Studio Code, Zeplin UI

Work Experience

IT Analyst C2

Jan 2025 - Present

[Tata Consultancy Services \(TCS\) - Pune](#)

- Assisting in the development of front-end applications using React.js and TypeScript.
- Collaborating with team members to understand project requirements and deliver components aligned with project goals.
- Participating in code reviews to improve code quality and gain knowledge of best practices.
- Attending daily stand-ups and Agile ceremonies to stay aligned with the team's objectives and timelines.
- Learning and applying new technologies to contribute to the team's overall performance.

Senior Software Engineer

Nov 2020 - Jan 2025

[Futops Technologies India Pvt Ltd - Pune](#)

- Increased website performance, reducing page load times from 4 seconds to 2.4 seconds through optimized code and resource management.
- Collaborated with a team of 5 developers and designers to deliver pixel-perfect designs, ensuring 98% design accuracy using Zeplin.
- Leveraged ES6+ features like async/await and destructuring to reduce code complexity by 25%.
- Applied Agile methodologies across 6+ projects, ensuring on-time delivery with a 100% success rate in meeting project deadlines.
- Mentored 4 junior developers, resulting in a 50% reduction in onboarding time and a 10% increase in overall team productivity.
- Managed version control using Git, with zero major code conflicts in over 300+ pull requests.

Associate Software Engineer

July 2019 - Jan 2020

[InfoStretch Corporation \(India\) Pvt. Ltd - Pune](#)

- Developed dynamic UIs for 1 large-scale projects using React.js, improving user satisfaction based on customer feedback.
- Identified and resolved 15+ critical front-end bugs.
- Integrated REST APIs, leading to a 50% improvement in data retrieval speed for user-facing applications.
- Played a key role in Agile sprints, consistently achieving 95% of sprint goals.

Projects

[Road Event Detection](#)

An urban transportation and road management solution.

- Designed caching strategies to store frequently accessed map tiles locally, reducing server requests and decreasing load times by 60%, from 5 seconds to 2 seconds.
- Used Leaflet maps to visually represent real-time events, increasing user engagement by 30%.
- Integrated WebSocket technology for real-time streaming of alerts, achieving a latency of less than 1 second, enhancing platform responsiveness by 50%.

[Crowd Detection](#)

A crowd density and behavior analysis system.

- Integrated Heatmap.js to visualize the density of people in different areas based on real-time data, improving data visualization accuracy by 35%.
- Designed a feature using the company's UI kit that allows users to draw and select specific rectangular areas on the map, tracking the number of people in these areas.
- Partnered with UX/UI designers to ensure the heatmap interface remained intuitive and user-friendly, with clear visual cues for dense and sparse areas, reducing user navigation time by 15%.

Education

Bachelor of Engineering in Computer Technology

Sept 2016 - Jun 2019

Yeshwantrao Chawan College of Engineering