

VIPUL DESAI | Senior Software Engineer | LeadSquared

Targeting opportunities in Senior Software Engineering positions specializing in UI Development within the IT sector, to drive organizational growth.

Target Location: Pune, Bengaluru, Remote

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Profile Summary

- Highly focused UI Software Engineer with 8+ years of experience.
- Expertise in front-end technologies (**JavaScript, TypeScript, HTML, CSS**).
- Proficient in modern JavaScript frameworks and tools (**React, Redux, Webpack, Node.js**) and CSS frameworks (**Tailwind CSS, PostCSS, SASS**).
- Experienced in UI test automation using **Vitest, React Testing Library, Jest, and Cypress**.
- Proven ability to set up and manage CI/CD pipelines (**AWS CodeBuild, Bitbucket Pipelines, GitHub Actions**).
- Develop and maintain high-quality code that adheres to coding standards and best practices (**SonarQube, ESLint, and Prettier**).
- Strong understanding of AWS cloud technologies with hands-on experience (**DynamoDB, S3**).
- Experienced in working within **Agile** methodologies, **analysis, planning, providing estimates, task division, code reviews and team collaboration** to achieve project goals.
- Capabilities in liaising with the **client** to gauge their needs and expectations and planning the layout of the website or implement the designs provided.
- Passionate about staying updated with the latest technology trends and consistently improving application performance through technical proficiency and adaptability.

Technical Skills

- Programming Languages:** [proficient]: JavaScript (Node JS), TypeScript, HTML, CSS, [familiar]: C#, Python
- Libraries:** [proficient]: React JS, Redux, Post CSS, Tailwind CSS [familiar]: HTML Canvas, Three JS
- Testing:** [proficient] Vitest, JEST, React testing library, [familiar] Cypress
- CI:** [proficient] Bitbucket pipelines [familiar]: AWS Code Build, Travis CI, Heroku, GitHub Actions
- Storage:** [familiar]: MongoDB, AWS Buckets, GCP Storage, Dynamo DB
- Cloud:** [proficient] AWS
- Build Tools:** NPM, Webpack, babel, VITE, Gulp

CORE COMPETENCIES

- UI Design & Development
- Code Reviews
- Stakeholder Engagement
- Web Application Development
- Software Development Life Cycle
- API Integration
- Requirement Gathering
- Performance Optimization
- Agile Methodologies

EDUCATION

B.E. (Information Technology)
GEC Farmagudi, Goa in 2016

SOFT SKILLS

| | |
|---------------------|-------------|
| Attention to Detail | <div></div> |
| Time Management | <div></div> |
| Multitasking | <div></div> |
| Analytical | <div></div> |

Work Experience

Mar'21 - till now | LeadSquared, Bengaluru | Senior Software Engineer

Projects: Developer Apps (Lapps, Mavis, Batch Jobs, Others)

Key Result Areas:

- Successfully migrated from **React 16 to 18**, leveraging a custom-optimized Webpack configuration to enhance performance and streamline the build process
- Developed and implemented highly reusable and efficient **NPM packages**, optimized for minimal size using **PostCSS**, and integrated centralized state management with **Redux** for better maintainability
- Championed code quality and consistency by conducting comprehensive code reviews that included **accessibility** and **security** best practices, providing constructive feedback, and mentoring team members
- Successfully implemented and enforced UI automation testing, **SonarQube** static code analysis, **Git pre-commit** hooks, **ESLint** and **Prettier** to ensure adherence to coding standards
- Followed **Agile** development environment, consistently delivering high-quality software within tight deadlines through effective collaboration and prioritization
- Partnered with product managers to **analyse, plan, and prioritize tasks**, ensuring the timely delivery of features throughout the entire software development lifecycle
- Leveraged libraries like **DND Kit**, **React Ace**, **Chart.js**, and **Apex Charts** to enhance user interface interactions and create compelling data visualizations

Highlights:

- Collaborated in the development of 10+ innovative UI features that increased user engagement by 15%.
- Led the migration of a legacy project from React 16 to 18, utilizing a custom-optimized Webpack configuration that boosted performance by 30%.
- Re-architected and optimized the application, resulting in a 10% reduction in infrastructure costs.
- Ensured code quality (reviews, UI automation), broke down tasks, managed peer work, and took ownership to deliver software on time in an Agile environment, honing collaboration, prioritization, and task management skills.

Jan'17 - Mar'21 | Persistent Systems Limited, Goa | Software Engineer

Projects: Oracle Identity Management (Core & Custom)

Key Result Areas:

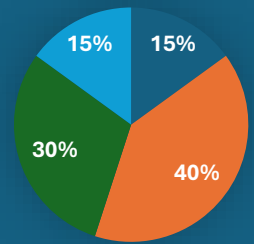
- Analysed UI wireframes, provided accurate time estimates, and efficiently implemented designs, exceeding expectations for a junior-level developer.
- Actively participated in **Agile** system planning, effectively dividing tasks and collaborating with team members to ensure timely completion of work assignments.
- Engaged in peer code reviews, both providing and receiving constructive feedback, to maintain high code quality and consistency.

Highlights:

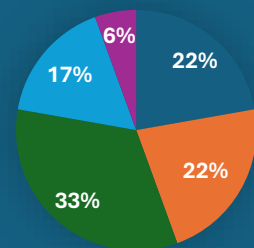
- Modernized legacy applications by migrating them to a clean, React-based architecture, reducing load times by 30%.
- Contributed to and maintained large-scale applications, achieving a 20% performance improvement through code optimization and refactoring.
- Developed and implemented user-friendly UI interfaces and forms, resulting in a 15% increase in user engagement.

LeadSquared Overview

Skills

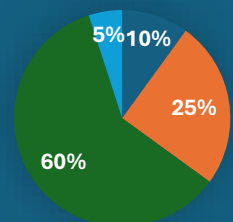


Techonologies

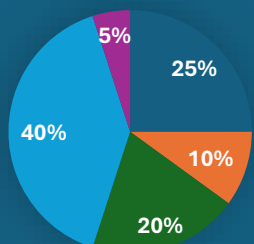


Persistent Systems Overview

Skills



Techonologies



Personal Projects

SWAK Battery Distribution Business

 <https://swak.netlify.app/>

- Website designing/development, lazy loading, testing, Netlify CMS

Hacktoberfest 2018 – Real Time Calorie Tracking

 <https://ingredofit-uat.netlify.app/>

- Designed/Developed, integrated GitHub OAuth, serverless, GCP storage, CSRF token encryption, JWT

Passions

Technology and programming: I always reserve time to read up latest trends, engineering blogs etc, build something on codepen



LANGUAGES

English



Hindi

