

Milind Pawar

React Front-End Engineer

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Summary:

React Front-End Engineer with 4+ years of experience delivering scalable and high-performance web applications for enterprise clients including Home Depot and Banner Health. Specialized in building modular UIs, driving A/B testing and personalization using Adobe Target, and leading large-scale migrations to React with state management via Redux and Context API. Passionate about building seamless user experiences through performant architecture and strong design collaboration.

EDUCATION:

University of Maryland Baltimore County

Master of Science, Information Systems and Management

Aug 2019 - May 2021

GPA 3.9

University of Pune (India)

Bachelor of Engineering, Information Tech

Aug 2011 - May 2015

GPA 3.6

TECHNICAL SKILLS:

- **Languages:** JavaScript, TypeScript, Python, HTML5, CSS3, SQL, NoSQL
 - **Frameworks/Libraries:** React.js, Redux, Next.js, SPFx, Tailwind CSS, Node.js
 - **Cloud & DevOps:** Azure Functions, AWS (RDS, Lambda, S3), Jenkins, Docker, Vercel, Azure DevOps
 - **Analytics & Personalization:** Adobe Target, Adobe Launch, Adobe Analytics, Selenium, Jest, Mocha
 - **Tools & Platforms:** Git, GitHub, Jira, Postman, Visual Studio, Selenium, Confluence
 - **Databases:** MS SQL, MySQL, PostgreSQL, Redshift
 - **Certifications:** Azure Fundamentals, Azure Data Fundamentals, AWS Cloud Practitioner
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PROFESSIONAL EXPERIENCE:

Senior Software Engineer

LTIMindtree, Dallas, TX | July 2021 – Present

Project: Banner Health - Intranet Development (React + SPFx)

- Led development of dynamic SPFx web parts using React.js and Office UI Fabric for SharePoint Online.
- Optimized component performance with memoization, lazy loading, and Context API.
- Refactored legacy JavaScript into modern React Hooks-based architecture.
- Integrated REST API and Microsoft Graph API for dynamic intranet content.
- Automated SharePoint workflows using Power Automate; improved admin efficiency.
- Translated Figma mockups into pixel-perfect, responsive components.
- Enhanced load speed by 40% via code-splitting and render optimization.
- Migrated 25+ legacy components to modern React with Hooks, reducing tech debt.
- Created reusable hooks to abstract SharePoint API logic, reducing duplication by 30%.
- Collaborated with cross-functional teams to ensure accessibility and design consistency.
- Enabled real-time content personalization using Microsoft Graph API.
- Saved 100+ hours/month by automating administrative workflows with Power Automate and custom REST integrations.

Project: Home Depot - Experimentation & Personalization

- Developed high-performance React.js applications, improving load time by 30% through advanced code-splitting and lazy loading.
- Implemented Redux and Context API to manage global app state across multiple microfrontends.
- Spearheaded A/B testing strategies using Adobe Target and Target APIs, resulting in a 15% conversion increase and 25% customer retention boost.
- Led migration from legacy JavaScript/jQuery frontend to modular React.js codebase, reducing bugs and increasing development velocity by 40%.

- Integrated GraphQL and RESTful APIs to streamline data flow, enabling consistent cross-platform behavior.
 - Built CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 35% and minimizing production errors.
 - Partnered with QA teams to execute performance testing and resolve bottlenecks, ensuring a seamless user experience across browsers.
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Software Engineer Intern

Index Analytics LLC, Baltimore, MD | Jan 2021 – May 2021

- Developed SSR-compatible React.js modules to enhance SEO performance, improving organic traffic by 20%.
 - Built end-to-end reporting portal using React.js frontend, Node.js backend, and AWS EC2/S3 infrastructure.
 - Integrated REST APIs for secure data flow between ASP.NET backend and React components.
 - Enhanced application performance and responsiveness across devices using modular components and dynamic rendering
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Software Engineer Intern

Keys LLC, Baltimore, MD | May 2020 – Dec 2020

- Created interactive hotel booking flow using React, improving usability based on user testing feedback.
 - Developed backend endpoints with Node.js and integrated them with the frontend using fetch and async flows.
 - Wrote unit tests with Jest and Mocha, achieving over 85% test coverage for critical modules.
 - Contributed to technical documentation, making onboarding for future devs faster and smoother.
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Software Engineer

Data Link Consultancy, Pune, India | Dec 2016 – Apr 2018 Client: Vodafone India

- Designed and developed interactive UI components with React.js for Vodafone's internal toolset.
- Engineered REST APIs in Node.js and deployed them in Azure, enabling dynamic data interactions and faster load times.
- Integrated authentication flows and user roles using JSON and AJAX, enhancing app security and personalization.
- Participated in Agile sprints, delivered biweekly releases, and collaborated closely with QA and DevOps for continuous delivery.
- Built Proof of Concepts (POCs) to validate front-end and Node.js integrations, resulting in approved feature rollouts.