

PRAKASH SATHIAKUMAR

Portfolio: <https://prakash-sathiakumar.onrender.com>

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3343 Pageant Ave,

Tracy, CA - 95377

SKILLS

- **React JS**
- **Typescript**
- **JavaScript ES 6+**
- **Node JS**
- **Express JS**
- **HTML5, CSS 3**
- **Jest**
- **Cypress**
- **Webpack**
- **Plotly, D3.js**
- **AWS**
- **Java**

PROFILE

- Versatile Senior Software Engineer with 13+ years of experience in full-stack development, specializing in React and modern UI technologies.
- Strong expertise in frontend architecture, performance optimization, and component design.
- Experienced in Java backend integration, CI/CD implementation, and AWS deployment.
- Demonstrated ability to mentor teams and drive frontend technology decisions while maintaining high standards of code quality.

EXPERIENCE

Senior Software Engineer, HCL America, Client-Apple — 2020-Present

- Led frontend development for 4 critical applications, serving as technical SME and primary point-of-contact.
- Architected and implemented scalable React-based solutions with focus on performance, accessibility, and reusability.
- Implemented comprehensive UI testing strategy using Jest and Cypress, achieving 85% test coverage and reducing regression bugs by 30%
- Optimized frontend performance through code splitting and lazy loading, improving load times by 50%
- Utilized Redux and Context API for efficient state management across complex application workflows
- Implemented AG Grid for high-performance data table rendering, handling 10,000+ records with smooth scrolling and filtering capabilities
- Collaborated with cross-functional teams to design and implement innovative software solutions
- Contributed to CI/CD pipeline optimization for deployments.

Technology Lead, Infosys, Client-Apple — 2017-2020

- Architected frontend solutions with modular React components using Redux for predictable state management
- Automated critical processes, reducing manual effort by 60% and improving team efficiency
- Led UI/UX improvements resulting in 40% better performance metrics

Technology Analyst, Infosys, Client-Apple — 2014-2016

Senior Systems Engineer, Infosys, client - Apple — 2011-2013

- Developed custom UI components using SVG and Javascript
- Created interactive data visualizations and complex user interfaces
- Led frontend migration to modern framework architecture
- Implemented frontend performance optimization techniques
- Mentored team members on Javascript and frontend development

EDUCATION - B.E IN COMPUTER SCIENCE - KARPAGAM COLLEGE OF ENGINEERING, 2007-2011