

# PRAKASH SATHIAKUMAR

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## PROFILE

- Senior Software Engineer with 13+ years of experience building scalable web applications, specializing in React and modern JavaScript frameworks with a focus on performance optimization and diagnostics.
- Proven expertise in architecting reliable frontend solutions, debugging complex production issues, and implementing security best practices.
- Strong experience with CSS, pre-compilers, and responsive design principles to create intuitive user interfaces.
- Demonstrated ability to improve application performance, mentor teams, and drive technical decisions while supporting growing user bases.

## 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.
- Built responsive and accessible user interfaces following Apple's design guidelines
- Optimized frontend performance through code splitting and lazy loading, improving load times by 50%
- Led migration of legacy diagnostic applications to cloud infrastructure using AWS services, improving system reliability from 99.5% to 99.9%.
- Established monitoring systems to proactively identify and resolve performance bottlenecks before impacting users.
- Collaborated with cross-functional teams to design and implement innovative monitoring and debugging solutions.

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

- Designed and implemented sophisticated frontend architecture using React.js
- Created and maintained a reusable component library that improved developer productivity by 35%.
- Led UI/UX improvements resulting in 40% better performance metrics and enhanced user workflow.

### 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

## SKILLS

- **React JS**
  - **Typescript**
  - **JavaScript ES 6**
  - **Node JS**
  - **Express JS**
  - **HTML, CSS**
  - **AWS**
  - **Java**
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