

# Pradeep B

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## PROFESSIONAL SUMMARY

Results-driven Frontend Developer with 8.5 years of experience building scalable web applications serving millions of users. Expertise in React, Next.js, and Node.js with proven track record of improving conversion rates by 25% and page load times by 60%. Specialized in performance optimization, system architecture, and delivering high-impact features in fast-paced environments.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, HTML5, Node.js

**Frameworks & Libraries:** React.js, Next.js, Angular, Express.js, Socket.io, Jest, Redux

**Tools & Technologies:** Git, RESTful APIs, GraphQL, MongoDB, Algolia

**Cloud & DevOps:** AWS, Jenkins, GitHub Actions, Netlify, Performance Optimization

**Methodologies:** Agile/Scrum, TDD, Responsive Design, Accessibility (WCAG), Code Review, Jira

## PROFESSIONAL EXPERIENCE

### Senior Frontend Developer

*Tata Consultancy Services*

July 2021 – Present

*Chennai, India*

- Architected and developed critical e-commerce modules (Sign In, Registry, Checkout, Payment) for Macy's platform serving 10K+ user, increasing conversion rates by 25% through optimized user flows and A/B testing
- Improved Core Web Vitals by implementing lazy loading, code splitting, and aggressive caching strategies, reducing page load times by 60% and achieving 95+ Lighthouse performance scores
- Led cross-functional collaboration with Product, QA, and Business teams to define technical requirements and deliver 50+ features with 98% on-time delivery rate across 15+ sprint cycles
- Implemented comprehensive testing framework using Jest achieving 85% code coverage, reducing production bugs by 40% and enabling confident rapid deployment
- Mentored team of 5 junior developers on React best practices, code review standards, and performance optimization techniques

### Software Developer

*Sify Technologies Limited*

January 2020 – June 2021

*Chennai, India*

- Developed full-stack applications for enterprise clients (ToolingU, NetApp) using Angular, Node.js, and MongoDB
- Designed MongoDB database schemas and implemented indexing strategies, optimizing query performance by 50% and reducing average API response time from 800ms to 400ms
- Built RESTful APIs with Express.js and integrated third-party services, ensuring 99.9% uptime and seamless data flow between systems
- Integrated Unity 3D application into Angular platform, creating bidirectional communication using custom JavaScript bridge

### Web Developer

*Eparampara Technologies*

December 2016 – November 2019

*Chennai, India*

- Built responsive web applications for TVS Motors using Angular and Node.js, achieving 100% mobile responsiveness
- Collaborated with mobile development team to ensure API consistency across web and mobile platforms

## EDUCATION

### Kathir College of Engineering

*Bachelor of Engineering in Electrical, Electronics and Communications Engineering*

2012 – 2016

*Chennai, India*

## CERTIFICATIONS

Algolia Search Engineering Basics (ASEB) | Bloomreach Engagement Crash Course | Bloomreach Discovery Crash Course | Bloomreach Content Crash Course