

Pradeep Kumar

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Summary

Full-Stack Web Developer with 1.5+ years of experience in front-end (HTML, CSS, JavaScript, React.js) and back-end (Node.js, Express.js) development. Skilled in building high-performance applications, optimizing APIs, and managing databases (MongoDB). Eager to expand expertise in Angular and ORM frameworks, focusing on creating efficient, scalable solutions.

WORK EXPERIENCE

Intech Systems Chennai Pvt Ltd • Chennai • 08/2023 - 01/2025

Web Developer

- Architected and developed enterprise-level MERN stack applications, serving 1000+ daily active users with 99.9% uptime
- Optimized MongoDB database operations resulting in 25% faster query performance through implementation of advanced indexing and aggregation pipelines
- Led the implementation of JWT-based authentication system, reducing security vulnerabilities by 40% and ensuring OWASP compliance
- Mentored 2 junior developers in React.js best practices and modern JavaScript concepts
- Implemented CI/CD pipeline using GitHub Actions, reducing deployment time by 60%

PROJECTS

Enterprise Resource Planning System-ERP

- Developed a comprehensive ERP solution handling 500+ daily transactions with real-time reporting capabilities.
- Implemented efficient data caching strategies reducing API response time by 30%.
- Designed scalable MongoDB schema with indexing optimization, improving query performance by 20%.
- Integrated real-time notifications using Socket.io for instant updates across modules.

Impact: Reduced manual reporting time by 70%, saving 20+ work hours per week for client teams

Customer Address Book Management System

- Built a secure address management system with role-based access control serving 200+ users.
- Implemented advanced search and filtering capabilities with pagination.
- Designed responsive UI using Material-UI components ensuring mobile-first approach.
- Integrated address validation and geocoding APIs for accurate data entry.

Impact: Improved customer data accuracy by 40% and reduced data entry time by 50%

SKILLS

Programming Languages:

JavaScript, PHP

Front-End Technologies :

CSS, HTML, JavaScript, React.js

Back-End Technologies:

Express.js, Node.js, RESTful API Design

Database Management:

MongoDB

Tools & Platforms:

Git, GitHub

EDUCATION

Bannari Amman Institute of Technology

Bachelor of Electrical and Electronics Engineering
Coimbatore
GPA: 76%

CERTIFICATIONS

Introduction to Express JS

08/2023 - Present
SkillUP

Web Developer Certification

01/2023 - Present
Techstack