

NITISH KUMAR

Software Developer

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PROFESSIONAL SUMMARY

Experienced Software Engineer with 2+ years developing scalable web applications and automation solutions. Expert in React.js, Node.js, C#. Led cross-functional teams to deliver enterprise-grade software with measurable business impact. Specializing in system optimization, API integration, and agile development methodologies.

Technical Skills

Programming & Frameworks: JavaScript, TypeScript, React.js, Node.js, Electron.js, .NET, GraphQL, Python, C#, SQL, Redux, MongoDB, Express.js

Tools & Platforms: Git, JIRA, MongoDB, Tauri

Concepts & Practices: Data Structures & Algorithms, Software Development Life Cycle (SDLC), Responsive Design, Strategic Planning

PROFESSIONAL EXPERIENCE

Software Developer

Inventys Pvt Ltd

February 2023 – June 2025

- Architected React.js subcomponents for application introspection, enhancing code maintainability and system extensibility across 5+ major modules.
- Engineered C# automation solutions processing 1000+ daily user actions, achieving a 30% reduction in manual monitoring time and improving overall system responsiveness.
- Delivering actionable analytics that increased automation accuracy by 25%.
- Resolved 50+ critical bugs and delivered 10 new features, contributing to 40% acceleration in project delivery timelines.
- Driving 40% improvement in platform efficiency and 25% growth in user adoption rates.
- Collaborated with cross-functional teams using Agile methodologies to deliver high-quality software solutions within sprint deadlines.
- Conducted code reviews, unit testing, and technical documentation to maintain code quality standards.

KEY PROJECTS

Invoice-Book [Live preview](#) | [Github](#)

Technologies: Tauri, React.js, TypeScript, Redux | January 2025 – June 2025

- Built a comprehensive, full-stack invoice management system.
- Integrated user authentication, data persistence, and PDF generation features with download capabilities.
- Designed responsive UI components using React.js and Redux for state management.

Path Finding Visualizer [Live preview](#) | [Github](#)

Technologies: JavaScript, p5.js | April 2022 – August 2022

- Created an interactive web application visualizing 5 pathfinding algorithms (A*, Dijkstra, BFS, DFS, Greedy Best-First).
- Achieving 40% improvement in maze-solving efficiency through visual algorithm comparison.

- Analyzed performance across 50+ maze configurations, identifying optimal algorithms with 30% accuracy improvement.

Spy - System Monitoring Application [Github](#)

Technologies: C#, .Net, Windows API | January 2024 – March 2024

- Programmed a Windows desktop application for real-time keyboard and mouse input monitoring using C# and Windows Presentation Foundation(WPF).
- Established advanced Windows API integration for continuous system-level event capture.
- Assembled comprehensive screen capture functionality with high-performance monitoring capabilities.
- Utilized advanced Windows API techniques for low-level system interaction and data collection.

EDUCATION

Bachelor of Computer Applications

March 2020 – September 2023

KLE Society Degree College

CGPA: 8.14/10

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Database Management Systems, Web Development, Object-Oriented Programming

ACHIEVEMENTS & CERTIFICATIONS

- Optimized system performance, resulting in a 15% improvement in application response times.
- Mentored 3 junior developers on React.js best practices and code architecture principles.
- Achieved 99.5% uptime across all deployed production applications.