NITISH KUMAR

Software Developer

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LinkedIn | Portfolio | Github

PROFESSIONAL SUMMARY

Software Engineer with 2.6 years of experience in developing scalable web applications and automation solutions. Skilled in React.js, Next.js, Node.js, and C# for frontend development and API integration, following agile methodologies.

Technical Skills

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

Tools & Platforms: Git, JIRA, MongoDB.

Concepts & Practices: Data Structures & Algorithms, Responsive Design.

PROFESSIONAL EXPERIENCE

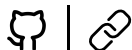**Inventys Pvt Ltd** | **Software Developer**   *February 2023 – July 2025*

RPA-based company building an intelligent automation platform that records and executes user actions across sessions, removing the need for a complex studio and enabling non-technical users to create workflows effortlessly.

- **Enhanced the web recorder** by adding a Chrome extension feature to automate DOM data scraping and capture screenshots of visited pages, so that end users can identify UI elements, resulting in building complex workflow automation logic for end users.
- **Developed custom logic** to assemble partial view images captured utilizing native Chrome APIs into complete page renders so that users could visualize full-page captures without duplicated elements, resulting in improved data clarity, reduced redundancy, and efficient performance.
- **Learned and implemented C# / .NET** to extend the Windows recorder for capturing screenshots and extracting UI element information so that the automation tool could support desktop applications, resulting in broader platform compatibility.
- **Modified the web recorder** to detect file upload fields and automate corresponding actions so that users could execute end-to-end workflows without manual intervention, resulting in enhanced automation coverage and user efficiency.
- **Built subcomponents using React and Electron.js** to render captured images with JSON-mapped UI elements so that end users could interactively select the Element to build custom and complex logic for the workflow.
- **Identified and fixed internal minor bugs** so that application performance remained stable and responsive.

KEY PROJECTS

Invoice-Book   🐙 | 🔗

*Technologies: **Tauri, React.js, TypeScript, Redux***

Invoice Book is a lightweight React + Vite web app that lets users instantly generate and manage professional invoices in the browser, storing data temporarily via session storage.

Favicon-Extractor   🐙 | npm | 🔗

*Technologies: **Node.js, TypeScript, JavaScript***

Developed a lightweight backend utility to fetch and extract favicons from single or multiple URLs, featuring a promise-based API with structured error handling for seamless integration into backend workflows.

EDUCATION

Bachelor of Computer Applications   *June2019–September2022*

KLE Society Degree College   CGPA: 8.14/10

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