

# SONU N. MAHTO

## Software Developer

+91 7903648044 | [isonumahto362000@gmail.com](mailto:isonumahto362000@gmail.com) | [LinkedIn](#) | [GitHub](#) | New Delhi | [Portfolio](#)

## PROFESSIONAL SUMMARY

Full Stack Developer with around 2 years of experience building scalable, high-performance web apps with React, Next.js, TypeScript, Node.js, and Express. Skilled in RESTful APIs, WebSockets, JWT/RBAC, and microservices. Experienced with MySQL, MongoDB, Redis, RabbitMQ, Docker, AWS EC2, and CI/CD, with a focus on clean architecture.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Java

**Frontend:** React.js, Next.js, Redux, Zustand, Tailwind CSS, shadcn/ui, HTML5, CSS3, Responsive Design, PWA

**Backend:** Node.js, Express.js, Microservices, Redis Caching, RabbitMQ, RESTful APIs, WebSockets, Authentication (JWT), RBAC, Scalable Architecture

**Tools:** Postman, ngrok, VS Code, Git

**Databases:** MongoDB, MySQL, PostgreSQL

**DevOps & Cloud:** AWS EC2, AWS S3, Lambda, RDS, Docker, CI/CD Pipelines

**Methodologies:** Agile/Scrum

## PROFESSIONAL EXPERIENCE (~2 YEARS)

**Software Developer** | May 2025 - Nov 2025

**DKC Exports** | Delhi

- Built **modular web applications** using **Node.js**, **Express**, **React.js**, and **Docker**, standardizing **deployments** and improving release consistency by 25%.
- Implemented secure **JWT/RBAC** authentication, reducing unauthorized access risk by 35%.
- Delivered **real-time features** via **WebSockets** and **RabbitMQ**, to support reliable, asynchronous communication across services.
- Refactored React components to reduce **unnecessary re-renders** and applied lazy loading, improving perceived performance and UI responsiveness.
- Collaborated on **development** tasks, **deployments**, and **code maintenance**, contributing to improved user experience.
- Optimized backend APIs by improving **query efficiency** and response handling, reducing average **API latency** by almost 35-40% and noticeably improving frontend responsiveness.
- Identified and fixed frontend bugs related to **Redux** state management and React components, reducing **UI regressions** by around 20% across multiple releases.

**Technologies Used:** Node.js, Express.js, React.js, Docker, Microservices, Micro-Frontend, JWT, RBAC, WebSockets, RabbitMQ, Postman

**Associate Full Stack Developer** | Feb 2024 - Apr 2025

**Orphic Solution** | Bhopal

- Developed and maintained 7+ full-stack applications with **React.js**, **Node.js**, **Express**, and **MongoDB**, increasing responsiveness and backend efficiency by 20-25%.
- Implemented **JWT/RBAC** and **Redis caching**, supporting 30% higher concurrent load while strengthening session management.
- Engineered real-time chat and notifications using **Socket.IO**; integrated **Firebase** and **Cloudinary** to streamline messaging and media operations.
- Optimized UI performance with **debouncing/throttling** to reduce unnecessary renders and elevate perceived speed.
- Validated RESTful APIs with **Postman**, improving integration reliability and cutting production issues by 25%.

**Technologies Used:** React.js, Node.js, Express.js, MongoDB, JWT, RBAC, Redis, Socket.IO, Firebase, Cloudinary, Postman

## PROJECTS

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### **InkFlow | AI-assisted blog app**

<https://inkflow-ai-blog.vercel.app/blogs>

Microservices-based AI blogging platform with Dockerized services for User, Blog, and Author, Google OAuth2, JWT, React Context, AI-assisted authoring, Redis caching, RabbitMQ, and Cloudinary.

### **CarvanaX | Car Marketplace Application**

<https://carvanax.vercel.app/>

Car marketplace with secure auth (JWT and social logins), listings CRUD, category filters, advanced search, direct messaging, and a financial calculator.

### **LocalBazaar | eCommerce Application**

<https://github.com/SonuNM1/QuickBasket-2>

Mobile-friendly eCommerce platform with JWT, OTP login, password recovery, search, wishlist, reviews, payments, and an admin dashboard.

## EDUCATION

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### **Master of Computer Application (MCA) | June 2024**

BCIIT (IPU) | Delhi

### **Bachelor of Computer Application (BCA) | June 2021**

JB Knowledge Park | Faridabad

### **12th (PCM) | 07/2018**

Kendriya Vidyalaya Raiwala | Uttarakhand

### **10th | 06/2016**

Kendriya Vidyalaya NERIST | Arunachal Pradesh