

# SONU N. MAHTO

Arjan Garh, New Delhi

☎ +91 7903648044

✉ [isonumahto362000@gmail.com](mailto:isonumahto362000@gmail.com)

🌐 [sonunmahto](#)

🔗 [SonuNM1](#)

🌐 [Portfolio](#)

## SUMMARY

Results-driven Full Stack Developer with 1.8 years of experience building scalable, high-performance web applications using React, Next.js, TypeScript, Node.js, and Express. Strong expertise in RESTful APIs, real-time systems with WebSockets, and secure authentication. Experienced with MySQL, MongoDB, Redis, RabbitMQ, Docker, CI/CD pipelines, and performance-focused, clean architecture with a continuous learning mindset.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, Java

**Frontend:** React.js, Next.js, Redux, Zustand, Tailwind CSS, Shadcn UI, HTML5, CSS3, Responsive Design

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

**Databases:** MongoDB, MySQL, PostgreSQL

**Cloud & DevOps:** AWS EC2, Docker, Git, CI/CD Pipelines

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

## EXPERIENCE

### Software Developer | DKC Exports

May 2025 – Nov 2025

- Contributed to web applications using Node.js, Express, React.js, and Docker, gaining exposure to Microservices and Micro-Frontend architectures.
- Assisted in implementing secure authentication workflows using JWT and RBAC for controlled user access.
- Supported real-time communication with WebSockets and messaging workflows using RabbitMQ.
- Tested and validated APIs using Postman to ensure reliability and smooth system integration.
- Collaborated with team members on development tasks, deployments, and code maintenance.

### Associate Full Stack Developer | Orphic Solution

Feb 2024 – Apr 2025

- Developed and maintained 7+ full-stack applications using React.js, Node.js, Express, and MongoDB, enhancing frontend responsiveness and backend performance.
- Implemented secure authentication with JWT and RBAC, integrated Redis caching, and optimized UI performance with debouncing/throttling.
- Built real-time features (chat, notifications) using Socket.IO, integrated Firebase and Cloudinary, and validated APIs with Postman for reliable system integration.

## PROJECTS

### InkFlow | AI-assisted blog app

[Live Project](#) — [GitHub Code](#)

- Developed a microservices-based AI-assisted blogging platform with separate Dockerized services for User, Blog, and Author modules, deployed on Docker Hub and AWS EC2.
- Implemented Google OAuth2 login with JWT authentication and centralized frontend state management using React Context.
- Built AI-powered title suggestions, description generation, and real-time grammar/spelling corrections during blog creation, with debouncing and rate-limiting to optimize performance and cost.
- Optimized caching using Redis for blog data and used RabbitMQ for cache invalidation, ensuring high-performance content delivery.
- Integrated Cloudinary for image uploads, and maintained seamless backend and frontend communication using Postman.

**CarvanaX** | Car Marketplace Application

[Live Project](#) — [GitHub Code](#)

- Developed a car marketplace platform with secure user authentication using JWT and social logins, enabling seamless account management.
- Implemented features for adding, editing, and deleting car listings, with category-based filtering for improved browsing experience.
- Integrated advanced search, direct messaging between users and car owners, and a financial calculator for estimating payment plans.
- Managed frontend and backend development, ensuring smooth communication between React.js frontend and Node.js/Express backend.

**LocalBazaar** | eCommerce Application

[GitHub Code](#)

- Built a mobile-friendly eCommerce platform with JWT authentication, OTP login, and password recovery for secure user access.
- Users can search, wishlist, review, and purchase products through an integrated payment gateway.
- Admin dashboard offers full CRUD functionality for managing categories, sub-categories, products, and orders.

EDUCATION

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<b>Master of Computer Application (MCA)</b> <i>BCIIT (IPU), Govind Puri</i>	<b>09/2022 – 06/2024</b> <b>CGPA: 8.2</b>
<b>Bachelor of Computer Application (BCA)</b> <i>JB Knowledge Park, Faridabad</i>	<b>08/2018 – 06/2021</b> <b>Percentage: 67.4%</b>
<b>12th (PCM)</b> <i>Kendriya Vidyalaya Raiwala, Uttarakhand</i>	<b>2017 – 2018</b> <b>Percentage: 83%</b>
<b>10th</b> <i>Kendriya Vidyalaya NERIST, Arunachal Pradesh</i>	<b>2015 – 2016</b> <b>CGPA: 9.6</b>