

SONU N. MAHTO

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 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, PWA

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

Master of Computer Application (MCA)

BCIIT (IPU), Govind Puri

09/2022 – 06/2024

CGPA: 8.2

Bachelor of Computer Application (BCA)

JB Knowledge Park, Faridabad

08/2018 – 06/2021

Percentage: 67.4%

12th (PCM)

Kendriya Vidyalaya Raiwala, Uttarakhand

2017 – 2018

Percentage: 83%

10th

Kendriya Vidyalaya NERIST, Arunachal Pradesh

2015 – 2016

CGPA: 9.6