Vikesh Kumar Mahto

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SUMMARY

Passionate **Software Developer** with 1.5 years of experience building scalable web applications using **JavaScript, TypeScript, React, Next.js, Node.js, Express.js, MongoDB, and MySQL**. Skilled in REST API design and integration, complex state management, and performance optimization to deliver responsive, user-focused solutions. Experienced in end-to-end project ownership **from gathering requirements to production deployment** in agile and cloud-based environments.

PROFESSIONAL EXPERIENCE

Cloudgarner Solutions Pvt Ltd (Csharptek) | Software Engineer   Ranchi, India | JAN 2025-PRESENT
- o Designed and developed property listing creation modules using **MERN stack**, enabling users to upload, manage, and update luxury real-estate listings with high performance and accuracy.
- o Implemented secure **authentication & role-based access control** (**JWT, middleware-level validation**), strengthening system security and auditability.
- o Integrated **AWS (S3, CloudFront, ECS**) for media uploads, boosting **speed by 60%** and reducing storage costs by 25%.
- o Developed a reels-style video feature improving user **engagement** and increasing **session duration by 35%.**

Sparrow Softech Pvt Ltd | Full Stack Developer   Ranchi, India | JUL 2024 - DEC 2024
- o Developed a high-speed checkout flow integrating **Razor pay/Stripe**, reducing payment failures by 35% and **improving order completion rates by 50%.**
- o Incorporated third-party APIs like **Google APIs**, resulting in a **30% reduction** in time to fetch user and country map data.
- o Enhanced **UI components** product pages, filters, checkout boosting conversion flow and cutting interaction time by 30%.
- o Designed and optimized backend architecture with Azure deployments, achieving **45% faster API response** times and improving system uptime through automated **CI/CD workflows**.

SKILLS SUMMARY

- o **Frontend:** JavaScript, TypeScript, React, Next, Redux Toolkit, Tailwind CSS, ShadcnUI, Material UI
- o **Backend:** Node, Express, REST APIs
- o **Databases:** MongoDB, PostgreSQL
- o **Tools & Cloud:** Git, GitHub, Azure, AWS, Firebase, Postman, Figma, GenAI, OpenAI SDK
- o **Soft Skills:** Abstract Thinker, Problem Solver, Result Driven, Teamwork. Project Management, Leadership

PROJECTS

Invest Luxury | *MERN Stack, AWS (S3/CloudFront), Node.js, React, Socket.IO, MongoDB, Redis, OpenAI*
- o **Engineered backend architecture**, building scalable modules for property listings, media handling, chat, and bookings, ensuring **99% uptime** during high user activity.
- o Implemented real-time chat using **Socket.IO**, reducing message **delivery latency by 50%** and improving customer–agent interaction efficiency.
- o Optimized performance with **Redis caching and AWS SQS-based event queues,** reducing average response latency.
- o Integrated **AWS services (S3, CloudFront, Lambda**) to support high-quality image/video uploads and streaming, improving **media load speed by 60%** and optimizing storage costs

QR Order Management | *MERN, WebSocket, FCM, Stripe/Razor pay, AWS (S3), MongoDB*
- o **Built a QR-based ordering system** allowing customers to scan a table QR, browse the menu, and place orders instantly—reducing ordering time by **60%** and increasing table order volume by **25%.**
- o **Developed reusable components** with optimized rendering, improving page **load speed by ~35%.**
- o Implemented real-time kitchen & staff updates using **WebSocket + FCM**, cutting order processing time by 40% and improving table turnaround **efficiency by 20%.**

EDUCATION

RVS College of Engineering and Technology   JUL 2020 – JUN 2024
Bachelor of Computer Science & Technology, **CGPA: 8.6**   Jamshedpur, Jharkhand, India

ADDITIONAL EXPERIENCE / ACHIEVEMENTS

- o Participated in the **30 Days of Google Cloud (GCP)** challenge.
- o Hacker Rank – 5-Star in C++ Problem Solving.
- o TCS NQT Score-60.