

Shivam Kumar

Full-Stack Backend Developer

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Professional Summary

Dynamic Full-Stack Developer with over 2 years of experience in building robust applications using MERN stack (MongoDB, Express.js, React.js, Node.js). Expert in microservices architecture and REST API development, with a proven ability to enhance system performance and deliver innovative solutions.

Professional Experience

Lead Software Developer, AAA2 Innovate Pvt. Ltd, Noida March 2024 – Present

- Spearheaded cross-functional teams to engineer Zipaworld platform, optimizing operational workflows with MERN stack.
- Redesigned customer-facing application, achieving 40% performance boost through code optimization and React.js enhancements.
- Transformed architecture from class-based to functional components, improving code maintainability and scalability.
- Led end-to-end Warehouse Module development, managing requirements analysis, design, and deployment.

Software Developer, AAA2 Innovate Pvt. Ltd, Noida January 2023 – March 2024

- Engineered migration of monolithic system to microservices architecture, enhancing scalability using Node.js and Docker.
- Developed real-time tracking module with automated WhatsApp/email notifications, integrating REST APIs for seamless updates.
- Designed and deployed REST APIs for Zipaworld services, ICICI integration, and EximGPT, ensuring robust functionality.
- Implemented intelligent rate suggestion system, optimizing pricing efficiency with data-driven algorithms.

Software Intern, AAA2 Innovate Pvt. Ltd, Noida July 2022 – January 2023

- Upgraded Node.js and MongoDB infrastructure, boosting application performance and database efficiency.
- Authored comprehensive Swagger documentation for backend APIs, streamlining developer collaboration and integration.
- Optimized MongoDB queries and integrated real-time shipping data, enhancing system responsiveness.
- Developed data visualization APIs for Admin Dashboard, enabling actionable business insights with JavaScript.

Technical Skills

- **Languages & Frameworks:** JavaScript (ES6+), React.js, Node.js, Express.js
- **Databases:** MongoDB, PostgreSQL
- **Tools:** Docker, NGINX, Redux, Swagger UI, Git, Gitlab, Swagger
- **Development:** REST API, Microservices, API Integration

Projects

- **Microservices Architecture:** Engineered scalable backend system using Node.js, Express.js, MongoDB, and Docker for high-performance applications.
- **Real-time Chat Application:** Designed and deployed interactive chat platform with Node.js and Socket.io, enabling seamless communication.

- **URL Shortener:** Developed efficient URL shortening service using Node.js, Express.js, and MongoDB, optimizing link management.
- **Tic Tac Toe:** Built interactive web-based game with JavaScript and React.js, showcasing front-end development skills.

Education

Bachelor of Computer Applications (BCA) Indira Gandhi National Open University (IGNOU)