Aashish Kaushik

Backend Developer

+91 7017259411, ashishkaushik8126@gmail.com

ABOUT ME

Full-Stack Developer with 3+ years of experience specializing in Node.js Backend development. Proven expertise in designing and implementing scalable, high-performance applications, managing RESTful & GraphQL APIs, and integrating real-time features using WebSockets (Socket.IO). Skilled in server deployment, configuration (Nginx, AWS), and database optimization (MongoDB, MySQL, Redis) to ensure efficient performance and reliability. Adept at building secure authentication systems (JWT, OAuth, RBAC) and optimizing system architecture for high availability and scalability.

WORK EXPERIENCE

Backend Developer - 1/Feb/2022 - Present

Ashmar Technologies & Research Pvt Ltd. (AshmarIP), Gurgaon, Haryana

- **Full-Stack Development:** Architected and maintained multiple applications using Node.js, React.js, and Next.js.
- **Backend API Development:** Designed and implemented scalable RESTful APIs and GraphQL services for various applications.
- **Database Management:** Optimized and implemented solutions with MongoDB, MySQL, and Redis for efficient data storage and retrieval.
- **Server Configuration & DevOps:** Managed Nginx servers, deployed applications on AWS, and configured CI/CD pipelines for seamless deployments.
- **Authentication & Security:** Implemented JWT, OAuth, and role-based access control (RBAC) to secure applications.
- **Performance Optimization:** Enhanced application performance by optimizing queries, caching with Redis, and reducing load times.
- **Microservices & Scalable Architecture:** Designed and developed microservices-based solutions to improve modularity and scalability.
- **Real-time Data Processing:** Built WebSocket-based real-time applications for chat and live analytics.
- **Version Control:** Managed codebase using Git and participated in scrum meetings.
- **Key Achievement:** Successfully deployed and maintained production applications with 99.9% uptime and optimized backend performance.

PROFESSIONAL SKILLS

- **Backend Development:** Node.js, Express.js
- **Frontend Development:** React.js, Next.js
- **API Development:** RESTful APIs, GraphQL
- **Real-Time Communication:** WebSockets, Socket.IO
- **Database Management:** MongoDB, MySQL, Redis
- **Server & Deployment:** Nginx, AWS, CI/CD
- **Authentication & Security:** JWT, OAuth, RBAC
- **Version Control:** Git, GitHub, GitLab
- **Performance Optimization:** Caching, Load Balancing, Query Optimization

- **Data Formats & Integration:** JSON, Third-Party API Integration

TECHNICAL SKILLS

LANGUAGES AND FRAMEWORKS

- **Backend:** Node.js, Express.js, Socket.IO, WebSocket
- **Frontend Development:** React.js, Next.js
- **Databases:** MongoDB, MySQL, Redis (Indexing, Query Optimization)
- **DevOps & Deployment:** AWS (EC2, S3, Lambda,Ubuntu), Nginx, Docker, CI/CD Pipelines
- **API Development:** RESTful APIs, GraphQL, Third-Party API Integrations
- **Real-Time Systems:** WebSockets, Event-Driven Architectures
- **Security & Authentication:** JWT, OAuth, RBAC, Data Encryption

SOFTWARE AND TOOLS

- **Development & Version Control:** GitHub, Bitbucket
- **IDE & Code Editors:** Visual Studio Code
- **Networking & File Management:** FileZilla, Postman
- **Office Productivity:** Microsoft Excel, Word, PowerPoint

EDUCATION

2016: High School, Muradnagar Public School (CBSE Board)

2018: Intermediate, Muradnagar Public School (CBSE Board)

2021: BCA, Institute of Technology and Science, India

PERSONAL DETAILS

Father's name: Mr. Subodh Kaushik

Date of birth: 26th June, 2000

Nationality: Indian

Gender: Male

Language Known: English & Hindi

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date :

(Aashish Kaushik)