

Adan Khan

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Profile

Skilled NodeJS developer having an experience of more than 4 years in building scalable and efficient systems. Experienced in solving complex problems and optimizing algorithms. Seeking a challenging role within a dynamic organization or startup where I can leverage my strong technical foundation, leadership skills, and collaborative mindset to drive efficiency and deliver successful outcomes.

Experience

Enigmatic Digital Solutions, Software Developer

Gurgaon

June 2023 – Present

- Projects : [Buyume](#), Horizon, Marketing Campaign Administration Panel
- Led the development of scalable infrastructure with the **NodeJS** using **ExpressJS** and **NestJS** frameworks for multiple products, including mobile and web applications, leading a team of developers in designing and executing scalable solutions.
- Leveraged **AWS** tools and technologies for deployment, management, scalability, and performance.
- Developed and optimized core modules such as user analytics, feedback and grievance systems, bulk order processing and membership subscription.
- Developed and optimized **CRON** jobs to automate multiple processes efficiently.
- Implemented message queue systems (**BullMQ**, **AWS SQS**, **Redis Streams**) for asynchronous processing and building scalable, decoupled and event-driven services.
- Leveraged **Hasura** to build **GraphQL** APIs, enabling real-time data fetching, automated schema management, and efficient database interactions.
- Implemented full-text search and filtering using **Elasticsearch**, improving query performance and user search experience.
- Integrated **Payment Gateways**, specifically Stripe, into a subscription-based platform to facilitate secure transactions, enabling users to purchase plans and book services effortlessly.
- Developed an admin panel for creating and managing ad campaigns across platforms including **Taboola**, **Facebook**, and **Outbrain**.
- Developed a redirection server for ad URLs with integrated tracking mechanisms, including browser, canvas, and GPU fingerprinting, to build an advanced **Anti-Bot System**.
- Managed the entire release cycle, from development to deployment, ensuring rigorous testing and continuous improvements.

SoluteLabs, Software Engineer

Remote

Aug 2021 – May 2023

- Projects : [WhatzOn](#), [Amagi](#)
- Developed backend systems using **NodeJS**, integrating **Microservices** architecture and **REST APIs** to ensure scalable, robust, and high-performance solutions.
- Designed and maintained **PostgreSQL** database structures, optimized complex **SQL** queries for efficient and high-performance data interactions.
- Implemented **CI/CD** pipelines with GitHub and Jenkins, streamlining deployment processes and ensuring continuous delivery.
- Led API optimization initiatives, conducted performance audits, and enhanced database queries for improved response times and scalability.
- Served as a **Backend Lead**, collaborating effectively with Mobile, Web, DevOps and QA teams to ensure seamless integration and successful delivery.

- Received two Monthly Spot Awards in recognition of my performance and contributions.
- Collaborated with overseas clients, adhering to global standards to ensure solutions were adaptable and scalable across diverse regions.
- Mentored junior developers and trainees, fostering their growth and enhancing their technical skills.

The Skillians, Node.js Developer (Intern)

Remote
Dec 2020 – Jul 2021

- Developed and optimized backend services for the organization's online learning management system (LMS), implementing role-based access control (RBAC) to manage user permissions efficiently.
- Designed and built RESTful APIs in Node.js for key LMS modules, including course enrollment, progress tracking, and content delivery.
- Integrated third-party services such as payment gateways for seamless subscription handling and real-time notifications using WebSockets for improved user engagement.
- Optimized database queries and caching mechanisms (Redis) to enhance API performance and reduce server load.
- Worked closely with the Frontend and DevOps teams to ensure seamless integration, maintaining a clean, modular, and well-documented codebase for long-term scalability.

Skills

Languages: JavaScript, TypeScript, Python, SQL

Technologies: NodeJS, Express.js, NestJS, PostgreSQL, GraphQL, AWS(EC2, S3, Lambda, RDS, CloudWatch, SNS, SQS), BullMQ, Elasticsearch, Redis, Microservices, Docker, Hasura, Git, TypeORM, Sequelize, Jest

DevOps Tools: AWS, GitHub, Jenkins, Vercel, Railways, Render

Education

Bachelor Of Technology (Computer Science), 2019
Agra College

Certifications

Data Structures and Algorithms

The Skillians, Jan 2025

PostgreSQL Bootcamp: Beginner To Advanced

Udemy, Jan 2025

Full Stack Development

AttainU, Jul 2021

Vocational Training

Computer Sc. Dept. 509 Army Workshop, Jul 2018