Adan Khan

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Profile

Skilled backend developer having an experience of more than 3 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

E-Mech Solutions, Software Developer

Bengaluru
June 2023 – Present

- Projects : Buyume, Horizon
- Spearheaded backend architecture with the **Nest.js** framework for multiple products, including mobile and web applications, leading a team of developers in designing and executing scalable solutions.
- 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.
- Built custom APIs to facilitate seamless interactions between internal teams and external service providers, ensuring accurate and timely service delivery.
- Leveraged **Hasura** to build **GraphQL** APIs, enabling real-time data fetching, automated schema management, and efficient database interactions for improved performance and scalability.
- Integrated **Payment Gateways**, specifically Stripe, into a subscription-based platform to facilitate secure transactions, enabling users to purchase plans and book services effortlessly.
- Managed the entire backend 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 **Node.js**, integrating **Microservices** architecture and **REST APIs** to ensure scalable, robust, and high-performance solutions.
- Designed and maintained database structures, optimized complex **SQL** queries for efficient and high-performance data interactions.
- Leveraged **AWS** tools and technologies to enhance system reliability, scalability, and performance.
- 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 **Team 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)

<div align="right">Remote
Dec 2020 – Jul 2021</div>

- 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, IAM, CloudWatch, SNS, SES), Microservices, Docker, Hasura, Redis, Git, TypeORM, Socket.io

DevOps Tools: AWS EC2, 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*