
Mohammad Reza Ramezanzad

Backend Developer

Turkey - Istanbul

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SKILLS

RabbitMQ Amazon AWS S3 Jest Docker Design patterns JavaScript Typescript React.js Node.js Nest.js
Socket.io GraphQL Express SQL NoSQL MongoDB FFmpeg Redis CI/CD Highly scalable apps fluent English

EXPERIENCE

Surprisin, Tehran - Backend Developer

January 2023 - PRESENT

- Extracted and developed required sitemap indexes to optimize the online shop's SEO which improved the ranking of the website and its views by 30%.
- Implementing an isomorphic authorization system with CASL library to restrict administrator access controls on multi-level dynamic roles and permissions according to the business logic of the employer.
- Designed global services like RabbitMQ and AWS S3 to enhance performance and unify usage of common services that made the whole distributed systems and database systems more changeable and faster to debug.
- Unit, integration, and E2E tests with jest and supertest to bulletproof all aspects of the application and whole services which are testable.
- Designed and implemented a notification system to inform users about them being liked, commented on, got a commission, completed shop orders, etc.
- Developed user action (share, comment, like, commission, order, etc) reports for analysis purposes by message queues and asynchronous processing.
- Designed and implemented user level and point systems to gamify the usage of the applications for users which had a great influence on user interactions and video sharing by 2000%.
- Designed and Built video stream service by FFmpeg which optimized streaming service to have different versions of the video for a vast variety of internet connection speeds and bitrates.

AKAM, Tehran - Backend Developer

August 2021 - September 2022

- Managed to develop AI Based ERP solutions (Passionate about AI).
- Worked on Azure and Google Cloud services to manage and run the development team.
- Research and development (R&D) lots of ERP applications like Odoo , Microsoft Dynamics, Camunda, etc, my English fluency helped a lot.
- Designed VOD application and its ERD with the help of experienced CTOs and CEOs of media companies.
- Managed, led, and worked as a team player with more than 7 wonderful ERP team members to deliver the best experience of enterprise organization application which required me to be a problem solver as a team player.
- Dockerized and documented projects to help newcomers step into projects a lot easier.
- Implemented OTP based authentication system that made the login process very easy for users.
- Implemented an authorization system to restrict API access.
- Designed and developed global tools and services to minimize changes and duplication in development that improved coding speed often two times and helped code refactoring.
- Designed and implemented continuous uploading and gallery services in favor of a large volume of files to prevent irritating double upload time for internet connection interruptions.
- Developed Image process API with sharp module to get proper image sizes that optimized website speed by 15%.
- Developed system and usage reports for analysis and financial charts.
- Implemented Azure functions and AWS lambda when required to be a problem solver for professional usage in business.

Freelancer, Remote – Full Stack Developer

March 2018 - PRESENT

- Linux and Unix Based server setup, configuration, management and administration.
- Design and implementation of different ECommerce website and applications.
- Working with Ministries and Industrial companies.
- Development of Social Health and Medical Laboratory sites (medcome.ir)
- And Many other types of websites (B2B, style and shopping, entertainment, etc).

EDUCATION

Iran Industrial UAST, Tehran - Bachelor

September 2018 - May 2022

Financial Accounting