SEYED MOHAMD HASAN MAHMODIAN

Back-End Developer (Node JS)

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SUMMARY

I'm a software engineer specializing in Node.js backend development, with over two years of experience building scalable and efficient systems. My expertise lies in database design, software architecture, and optimizing backend performance. I have a strong understanding of automation and deployment tools, allowing me to streamline development workflows and ensure seamless deployment. With a passion for building robust and maintainable systems, I focus on writing clean, efficient code that drives performance and scalability.

SKILLS AND ABILITIES

Frameworks & Languages: Java Script, Type Script, Node JS, Express JS, Nest JS, Bootstrap

Databases & ORMs: MongoDB, MySQL, Mongoose, Prisma, Redis, Type ORM, Minio, S3

Automation: Docker, CI (GitHub Action), Kubernetes

Architecture: Microservice, Graph QL, Rest API, JWT, cookies session, OAth2

Soft Skills: Git, GitHub, Notion, Jira, Agile methodology

EXPERIENCE

OverC | Backend developer **|** Remote   2024-03 to 2024-09

Iranian-Canadian company with an international presence, operating in multiple countries

- Designed and implemented a polymorphic database using Mongoose, ensuring flexible data modeling.
- Developed authentication for 10+ roles using different JWT strategies, enhancing security.
- Integrated S3 and Minio simultaneously for efficient and scalable bucket storage

EDUCATION

Azad University   **2024**

Bachelor of Software Engineer

Nasa Exo Planets

Rocket launch web app that connects to Space X API and reads NASA Data to find habitable planets

- Implemented the entire project using the MVC design pattern, ensuring a modular and maintainable architecture.

- Developed and integrated a CI/CD pipeline powered by GitHub Actions, automating testing and deployment.

- Designed and managed a MongoDB database with Mongoose, hosted on Atlas cloud service for scalability and reliability.

- Dockerize the application to optimizing performance and simplifying deployment.

- Engineered comprehensive unit tests for APIs using Super Test and Jest, improving code reliability and test coverage.

Discord Bot

Discord moderator bot for admins who want to have full control of their own channel

- Developed a Discord bot using Discord.js on top of Node.js, enhancing server automation and user interaction.

- Implemented role-based access control in Discord, managing different user permissions effectively

- Collaborated in an open-source team, gaining hands-on experience in teamwork.