Mehrdad Sha'banzadeh

Backend developer (Node.js)

ABOUT ME

I am seeking challenging positions, which will permit me to use and enhance my skills, in a progressive and dynamic organization. I like to learn new technologies alongside professional teams and people. Try to learn every day and help others to learn and grow. Always search for best practices and solutions to keep code efficient and performant.

CONTACT

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EXPERIENCE

Meco, Karaj— (December 2022 - Present)

- Working as MERN stack developer, developing new features and maintaining existing code

Zebline, Tehran — (October 2022 - December 2022)

- Working with multiple services in a microservice project.
- Write md files and update them for services
- Write unit tests and integration tests for features working on
- Test and debug endpoints using Postman when developing
- Creating Postman collections and requests for new routes

7030, Tehran — (October 2020 - September 2022)

- Creating Restful APIs and documenting them
- Modify and update APIs and services when needed
- Developing APIs based on given documents

- Create reporting services and provide the API to the team
- Prepare desired reports from the database or create web services for them
- Make automation for some periodic tasks using cron jobs for some services
- Used cloud provider API and made a cron job to create snapshots from servers
- Made a URL shortener app to create short links
- Worked on a PDF generator to create one when needed
- Always in touch with other members and other teams to do whatever is needed or solve their problems
- Work with google sheets API
- Working with Persian dates
- Help new coworkers to onboard the project
- Create Postman collections and give them to support the team
- Worked with server providers and cdn

SKILLS

Programming Languages	Javascript
Node.js Framework	Express.js
Database	MongoDB (mongoose, MongoDB) PostgreSQL (Sequelize) Redis (ioredis)
Version Controlling	GIT
Testing	Jest
Tools	Ubuntu, VScode, Postman

Other skill sets

- Always prefer a team working environment
- Always try to learn more soft skills, like time management, problem-solving, communication skills, and …
- Always try to use git features and git clients like vscode, smartgit, and gitkraken
- Know scrum and agile methodology and task management tools like Trello and Jira
- Using communication tools like Slack, discord, … to be always available to other team members
- Familiar with typescript

- Familiar with microservices and working with multiple services at the same time
- Familiar with docker, images, and containers
- Familiar with nginx and reverse proxy and serving static files
- Familiar with server management and bash scripting
- Familiar with deploying node js projects using process managers like pm2 and pm2 config file
- Familiar with Kafka message broker and its client kafkajs and kafdrop to see messages published inside Kafka
- Familiar with elastic search engine and query using Kibana
- Familiar with socket.io

EDUCATION

Bachelor

Telecommunication Engineering

Shiraz University of Technology (October 2012 - March 2017)

LANGUAGES

English

- Fluent in reading and understanding
- Intermediate in speaking and writing

PROJECTS

Url shortener (count link clicks sent in sms or other media)

I developed a URL shortener API in order to make the links shorter and to track the number of clicks, in this case, the number of redirections.

Technologies used in this project were express.js as its backend framework, mongodb as its database and mongoose as its client in node.js, bluebird for promise library and wrote promise based asynchronous functions. I used ioredis to connect to Redis and do caching for short URLs.

Its functionality was to create a short URL with the given slug or a random 8-character slug generated with the crypto module. And after creation, it was used to count the number of clicks. The admin then could see the click number using the API.

PDF generator (create a pdf for receipts)

I developed an application with express and ejs using a given UI in Figma, to generate a pdf from given data and send back the pdf so the user can download it. The pdf was generated using the html-pdf, and Persian dates are handled using moment-jalaali package.

Sometimes it was needed to upload the pdf to the cloud for the future, so we used cloud storage and its API to upload the file there using aws-sdk package.

Snapshot server (backup the servers in the cloud)

I was asked to create a cron job in javascript and make snapshots from servers and keep the last 3 ones.

Google sheet API (store data and share with some people)

I used Google sheet API and created an application that sends data to google sheets periodically.

Some Other Educational Projects

Sending an email using node js and nodemailer

Getting weather conditions using OpenWeatherMap API using axios

Create a blog

Create an admin panel using react and material ui

Chat application