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About Me

A self-motivated programmer, studied Electrical (Telecommunication) Engineering with more than seven years of experience in Backend development (Node.js, .NET Core) and two years of Flutter development. A reliable team player with a democratic approach and open to feedback.

Education

Master of Science in Instructional Technology	Canada
New York Institute of Technology (Vancouver Campus)	2021 - Present
Bachelor of Science in Electrical Engineering (Telecommunication)	Iran
University of Semnan	2010 - 2015

Work Experience



SkyHive

Dec 2022 - Present

Fullstack Developer (NodeJS/Flutter)

1. Working on web and mobile applications using Flutter
2. Have written customized input



Plasmatic Technologies

Oct 2021 - Dec 2022

Node.js Fullstack Developer

1. Working with AWS services such as DynamoDB, Lambda, Fargate, SQS, KMS, S3, and CloudWatch.
2. Implementing a KNN search using open-search software (recommendation system).
3. Implementing IoT communication services (Third-party APIs.)
4. TDD and test-oriented using Jest framework.
5. Flowchart, design software and cloud architectures.
6. Git/Bitbucket, Jira, Docker, CI/CD, Agile (SCRUM, KANBAN).
7. Troubleshooting, maintenance, debugging and documentation. Swagger - Open API



Supnex Company

2020 - 2021

Node.js Fullstack Developer

1. (RMS) Design the SaaS software architecture (Application and Database layer).
2. (RMS) Designing Elasticsearch Document Schema and Queries
3. (Menue) Building the server-side of the "Menue" application.
4. (Ayandeh Exchange) Building the server-side of the "Ayandeh Exchange" application (MVC)
5. (Ayandeh Exchange) Building the admin panel of the application using HBS.



LegaMart Company

2020 - 2021

Senior Node.js Backend Developer

1. Building "Translators Marketplace" Service for a Service-oriented System.
2. Designing NoSQL (MongoDB) Schema.
3. Handling scheduled Emails RabbitMQ (With Delayed Message Plugin).



Peeyade.com

2015 - 2020

Node.js Fullstack(MEAN) Developer and Backend Developer

Backend developer (2017-2020):

1. Building a Restful API with Node.js (Nest.js, Typescript).
2. Designing a Tabular Database (PostgreSQL) to support the eCommerce part of the app.
3. Optimizing Elasticsearch queries with script_lang to reach more related results for full-text search by implementing a custom rating system, using fuzziness and text analysis to handle typos and stop words.
4. Building Media Processor system using FFMPEG and ImageMagick.
5. Integrating Logstash with HAProxy, Nginx, and Node.js application for Monitoring and Log.
6. Implementing the ACL System of a Microservice system

Fullstack developer:

1. System and Server administrator, Designing NoSQL Schema (MongoDB)
 2. Building MVP with Node.js and MongoDB.
 3. Building an interactive real-time internal application as a management system (Client and Server).
 4. Building Windows (UWP) application.
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Open Source Developer

Some packages and projects are under Open Source Licences.

1. **Image-hero**: Image manipulator using sharp API ([Git](#))
2. **Cookbook for student (Flutter)**: Recipe application based on mealdb API ([Git](#))
3. **mysql2-nestjs (npm)**: MySQL2 integration with NestJS Framework.
4. **fastest-validator-nestjs (npm)**: Class-Based validation with decorators.
5. **Music Player (Flutter)**: Open source music player using the Provider state manager.
6. **Covid19 Tracker (Flutter)**: Open-source Covid Tracker using open APIs.

Skills

- **Javascript (TypeScript)**: In both browser and server environments. (NestJS, Expressjs, Hapi, Koa, Reactjs, Svelte, Angular 2+)
- **Dart (Flutter)**: For cross-platform application development.
- **C#**: Both client and server-side software development with .NET Core framework. (UWP & WPF)
- **SQL**: MySQL, MySQL X-DEV-API, PostgreSQL, (TypeORM, Sequelize.)
- **NoSQL**: MongoDB, Redis, MemCache (**MongoDB**: Scaling Factors, Design Patterns, Mongoose.)
- **Elasticsearch**: Phrase and Geo.
- **Programming**: Object-oriented, Functional, Socket, Async
- **Architecture**: Cloud-native (12 Factors), Service-oriented, Microservice, Rest.
- **DevOps**: Nginx, HAProxy, RabbitMQ, GitlabCI
- **Docker**: Containerization and orchestration of applications.
- **GraphQL** (apollo server)