

BABAK ZARRINBAL

Software Developer / Manager

CONTACT INFO

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8th Golestan, Ariashahr,
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HOBBIES

Movies

Reading

Jogging

SKILLS:

Nodejs, Express.js, Socket.io, React-Native, AngularJs, Angular, Vue.js, Vue-native.

Redis, Kafka, RabbitMQ, MQTT, Docker, kubernetes

Php, Laravel, Composer, Drupal 7, symphony, MySQL, SQLServer, MongoDB, Cassandra, SQLite, Webpack, Gulp, jQuery, Bootstrap, Html, CSS, less, sass, google APIs, Material Design

Diliviri.com (+5 sub app)

wow.kanoon.ir

Visit24.ir

Nopana.ir

Cyberpolice.ir

trustwatches.com

isu.ac.ir

setare.com, ...

MY PROFILE :

Male, 35, Married

I believe in self-learning teams and growing , and i've been part of wonderful teams since now, I always tried to think out of the box and see the big picture, and encourage my coworker to do so, cause I believe main goal of every project will get lost eventually if we don't keep track of its targets.

the thing that i love about myself is I'm fast and I have above normal IQ , I tend to work as 2 or 3 personnel everywhere I've been and I developed strategies to keep myself aligned with the team so I don't break it's harmony, I like the opportunity to be challenged and get improved, and be part of something big. I have experiences in management and project control but I rather be part of the team then it's leader.

In Summery I'm smart and a great team worker. and I Learn what is needed by myself.

EXPERIENCES:

I've been working since I was 17 but my professional life started from 2006 as junior project planner and controller and grow in that field till I was a senior planner/manager but after about 5 years (2009) I found out I had an interest in coding and got obsessed with it so I changed my field of work and started as an junior programmer and from the start I coded in full stack now I'm a senior full-stack developer in Tecnotree (telecommunication) my project mainly is working with NodeJS, Vue, React-Native, Angular, AngularJs, PWA and medium DevUp tasks.

Details are in coming pages

Nodejs: 9/10

Laravel: 9/10

AngularJs: 9/10

Angular: 8/10

VueJs: 9/10

mongo d B: 9/10

MySQL: 8/10

PostgreSQL: 6/10

SQLServer 7/10

Cassandra 5/10

Redis: 7/10

nginx: 6/10

Debian: 6/10

Devups: 6/10

FFmpeg: 5/10

Kafka: 5/10

Docker: 5/10

Kubenetes: 5/10

Programming (Coding) Skills:

Back end:

Nodejs:

Express: dynamic routing based on files and schemas

passport: social media, local, oauth, ...

mongoose methods and mongo dB aggregate

socket.io direct WebSocket or authenticated sockets

async inmemory queue system and limitations

gulp front and back automations

pug layout rendering and gulp integrations

Winston local and remote logging with notification

PayPal integrate payment method

Stripe integrate payment method

Cron mainly daily tasks for cleanups and archiving

Brokers: Kafka, RabbitMQ, MQTT

Databases:

Cassandra, mongo dB, MySQL, Redis, inmemory, TingoDB

Laravel:

Api, web routes

deep usage and customization of middlewares

middleware deep customizations)

Eloquent

used in complicated situations with relations and custom pivot tables

Auth

deep modification and even created new guards

Laravel-mix used it to its full potentials

configs deep modifications

Storage filesystem, ftp

queue system with MySQL, Redis, async

events initialize and customizations

service-providers used and modified a lot of them

Laravel-echo

bridge between Laravel and socket.io initialization and usage

Imagic modified images with its service providers

FFmpeg integrated it for manipulating video files

MQTT for load balancing purposes

Databases: integration to Laravel

MySQL, SQLServer, mongo dB

Overall tools

Linux (Debian-based)

Nginx- Intermediate

Php cli and CGI configs

RabbitMQ

FFmpeg

Except (scripting language)

Nodejs world stuff

Front end :

JavaScript

Vue.js, Vue-native – Advance (7 projects)

cli, component life-cycle, routes, lazyloading, transitions, computed, watch, events, props, vuex,

React-Native, intermediate (2 projects)

Redux, location tracking, background tasks,

Angular.js 1.x, – Advance (15 projects)

ui-router, lazyloading, Factory, services, gulp

integration, watches, directives, ng-animations

Angular 4.x, 5.x, 6x, advanced (3 projects)

cli, routes, lazyloading, child modules, components, watch, animations, events

Cordova ionic v>3 – Advance (3 projects)

jQuery – Advance (nearly all projects)

HTML, CSS – Advance (my power is pure CSS)

KnockOut.js – Intermediate (2 projects)

Google APIs

Translate Api (3 projects)

Map Api (4 projects)

Firebase (3 projects)

Designs

CSS, Less, Sass – Advance (preprocessors for CSS)

Bootstrap – Advance (9 projects)

Angular material (1.x, ^4.x)

Overall platforms

Cordova – Intermediate (4 project)

Python scripting – Familiar

Electron – Familiar (1 project)

Windows:

VBA– Intermediate (a lot of scripts and macros)

VBS– Intermediate (a lot of scripts)

Projects:

<https://babakzarrinbal.github.io/json-mapping-front/#/>

PWA application to create dynamic Json mapping procedures

These procedures can be run by "json-mapping-procedures" npm package on node apps
this is an effort to eventually make dynamic drag and drop data manipulation dockerized containers

Diliviri-> Nodejs, AngularJs, VueJs

platform for ordering different type of product (food, flower, booze...);
landing page for ordering
merchant panel for each merchant
admin panel
order registration process by user, merchant, admin
driver management (hired drivers, outsource drivers)
notifications for users, merchant, drivers, admins
supervising drivers and orders
auto assignment of orders to drivers
auto multi order assignment to drivers base on limitations (time, type of vehicles...)
best route calculation and complicated assignment methods
vehicle management (company vehicle, outsource vehicles)
orders live tracking
orders heatmaps

driver.diliviri-> Nodejs, VueJs

WPA app with native wrapper for driver app
location tracking
performance registering
single base code for all platforms

supervisor.diliviri-> Nodejs, VueJs

WPA app for driver supervisors
online driver supervising (socket)
notification on events
on map live tracking
order supervising

suadmin.diliviri-> Nodejs, VueJs

WPA app customized for top level management
order status

easybimeh front->Angular 5.x

platform for registering insurance representatives
custom landing page for each one (auto generate)
admin panel (insurance info, vouchers ...)
merchant panel for each representative

routexl-client ->Nodejs

client for using routexl routing services
multi account usage for routing and distance Apis
proxy-enabled requests

viseo-panel->Laravel

upload edit video/audio
content management system
user management system
api management system

viseo-api->Laravel

- simple fast login guard
- Redis pub-sub for clustering
- mongo dB integration
- mqtt message broker integration

viseo-landing->Laravel

- content display
- notifications

wow ->Laravel Vue

- online quiz
- badge and graph for quiz results
- quiz improvement techniques
- online certificate generator
- online essay checking
- teacher student communication platform
- server rendering of Vue app

review ->Laravel Vue

- uploading video
- extracting audio from videos
- creating subtitle from audio
- translating subtitles
- online subtitle and translation edit
- online video edit
- adding comments to videos
- video project analyzing and reviewing procedures

kahtbekhat ->Laravel Vue

- uploading books (admin/teachers' pdf/image/ppt)
- extracting book pages
- adding video/audio/text/image overlay to pages
- reviewing by reviewer
- approving by experts
- getting available to student and teachers

faststartup ->Laravel Vue

- adding template(html/CSS) or page link to get as template
- online page content edit (texts/links/images/videos...)
- save as static page and catch for superfast get
- addable to every Laravel project

crawlers ->NodeJS

- crawling YouTube for videos and download
- crawling movie sites for download
- crawling pages for extracting templates
- crawling review sites for media information's

apanajh-> AngularJs

- fast AngularJs front for apanajh social media
- content listing
- like/comment/wallet ,...

fata -> Drupal AngularJs

- cyberpolice.ir site
- create different surveys for users and personals
- complicated ui animations svg/gifs and draw on canvas

trust watches -> Drupal

online shop

imamsadeqh -> Drupal

official site for imam sadeqh university

multiple government official sites to broadcast news and information's

General Skills:

- General Softwares :
 - ❖ Excel, Word, Access, Outlook – Expert usage
With VBA programming skills
- Engineering Softwares :
 - ❖ AutoCAD Tekla Structure – medium to advanced usage
(Haven't used these in a while now - more than 6 years)
- Project Control & Planning Softwares :
 - ❖ MS Project – Expert usage with VBA
 - ❖ Primavera – Advanced
(Haven't used these in a while now - more than 4 years)
- Simulation and modeling :
 - ❖ Arena و ED > simulation software > medium usage
 - ❖ Vensim > analysis simulation software
(Haven't used these in a while now - more than 6 years)
- **Other Skills :**
 - Project management and analysis
 - Financial analysis and cost control over projects
 - Optimization of project procedures and divisions data flow
 - familiarity with DCC flow , maintenance procedure and foreign purchase procedures
 - familiar with common organizational job descriptions and responsibilities
 - High performance over high stress and costly situations
- **Languages :**

• Persian / Farsi	Native language
• English	Fluent
• Deutsch / Germany	Intermediate - Basic
• Arabic	Intermediate-low
• French	Familiar

WORK EXPERIENCE

2019 / Sep to Now

Tecnotree

Position: Senior FullStack Software Developer

Description:

Create/Debug Telecommunications Applications ...

Technologies:

Nodejs, VueJs, React-Native, MongoDB, Cassandra DB, Kafka, RabbitMQ, Redis, Docker, Kubernetes, ...

2018 / Sep to 2019 / Sep

EPOSENSE (eposense.com)

Position: Project Manager / Software Developer

Involved projects:

Shipment.Diliviri.com: Nodejs Vuejs, vue-native

Delivery system for drivers and vehicles to find the best direction to minimize cost and duration of delivery with multiple vehicles and drivers

Diliviri.com Nodejs Angular 1.x

Collection of many micro services for three panels

With mongo-dB database and there were 6 different app on android and iOS for these panels

technologies:

Nodejs, VueJs, React-Native, MongoDB, RabbitMQ, Redis, Docker ...

2015 / Sep to 2018 / Sep

Rahpooyan (rahpooyan.ir)

Position: Project Manager + Software Developer

Involved projects:

Wow.kanoon.ir: Laravel Vuejs

(Full featured app with laravel and Vuejs with many complex procedures and many visual effects See it for more information did it all in 3 to 4 weeks with laravel and SqlServer in the back and Vuejs in front)

Viseo.ir: Laravel blade

(Full featured content management site with multiple content type and category or user management features

Consists of 'admin.viseo.ir' , 'api.viseo.ir' , 'storage.viseo.ir' , 'viseo.ir' , I did all the backend for all of them Only front of admin.viseo.ir App for api.viseo.ir and other related jobs

Choqok.ir: Laravel Vuejs

(Fully responsive hybrid app compatible software to add a pdf book as project and add content (media and descriptions) and to locate it with drag and drop. it has too many twist and development complications)

Video Review : Laravel Vuejs

(Fully responsive local web app to review videos and log its issues with multiple users, roles, and video plugins)

Subtitle translate: Laravel Vuejs

(Another fully responsive local web app to add videos extract audio from video and convert it to subtitle and the ability to edit them time text and translate them with API and lot of cool features)

technologies:

Nodejs, VueJs, MongoDB, RabbitMQ, Redis, ...

2014 / Nov to 2016 / Jan

Freelance Jobs

Apanajh: Angular 1.x

(Social media site apanajh.com for Iran users they had a backend team and I only did the angular front for them)

Trustwatches.com: Drupal

(All the front with custom theme and a lot of modules in the back)

Takhtegaz.com: Drupal

(Old one about 7 years ago)

takhtegaz.com : Drupal backend with front styling

mpt.baruzh.com : complete site design and implement

Khane-ayande.com : complete site implementation (charity organization)

trustwatches.ir : complete UI implementation

Not allowed to say : full front-end coding with angular around 7 project with Laravel and Drupal and

sazegostarejam.com : full design and implementation with Joomla

Some small projects with WordPress

2012 / Jan to 2014 / Feb

Knauf Iran (International drywall manufacturer)

Positions:

Site financial manager (Kauffman)

Logistic purchase supervisor

Designer and performance supervisor of hamkaran queries for defined jobs

International Ordering and delivering of regarding goods manager

Responsibilities:

Ordering system and deliverance management

Management of data entry and reporting regarding ordering system

Designing of database and software regarding ordering procedure

Developing a procedure for financial flow of purchase and make a registering software regarding the matter

Data entry control and problem fixing for hamkaran software conflicts

Implementation of maintenance system (CM ,PDM, PM)

Extra activities

Coordination of Logistic and Warehouse Departments with unify software entry

Offering solution regarding registration of financial records

2008 / Mar to 2012 / Jan

Atlas offshore (onshore & offshore steel structure EPC contractor)

Positions:

Head of project control division

Site Manager

Site Engineer

QC Database developer and operator

Project control and planning

Involved Projects:

EPC of south pars gas platform phase 16

EPC of south pars satellite platform phase 14

EPC of Hendijan WHP 07 & WHP 08 platform

Responsibilities:

Gathering reports from deferent departments and regarding report to customer

Preparing and presenting packages of price reevaluation of projects phases and extra work documentation phase 14 and 16 of south pars, Monitoring and controlling of Eng. & QC &

Construction Departments progress, Generation progress and process charts and analysis for improvement of process Development of Unify database to monitor reports from different departments

Additional Activities

Develop and implementation of Ware house controlling software to get daily data and generate regarding reports, Development and implementation of personal software for admin department to control personal efficiency