

# BABAK ZARRINBAL

Senior Full Stack Developer / Team Lead

## CONTACT INFO

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**Location:**

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**Profiles:**

npm: [npmjs.com/~babak.zarrinbal](#)

github: [github.com/babakzarrinbal](#)

gitlab: [gitlab.com/bzarrinbal](#)

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## SKILLS:

**Nodejs** (Advance), **React** (Intermediate) **React Native** (Intermediate), **Vue.js** (Advance), **Redis** (Advance), **Kafka** (Intermediate), **Nginx** (Intermediate), **MongoDB** (advance), **Cassandra DB** (Intermediate), **electron.js** (Advance), **Express.js** (Advance), **Socket.io** (Advance), **AngularJs** (Advance), **Angular** (Advance), **Vue-native** (Advance), **RabbitMQ** (Intermediate), **SailsJs** (Intermediate), **MQTT** (Intermediate), **Docker** (Intermediate), **kubernetes** (Intermediate), **PHP** (Advance), **Laravel** (Advance), **Composer** (Intermediate), **Drupal 7** (Advance), **symphony** (Intermediate), **MySQL** (Intermediate), **SQLServer** (Advance), **SQLite** (Advance), **Webpack** (Advance), **Gulp** (Advance), **jQuery** (Advance), **Bootstrap** (Advance), **Html** (Advance), **CSS** (Advance), **less** (Advance), **sass** (Advance), **google APIs** (Advance), **Material Design** (Advance), **open Street** (Advance), **map routing** (Advance), ...

## SAMPLE WORKS:

[babakzarrinbal.github.io/json-mapping-front](#)

[babakzarrinbal.github.io/tts](#)

[Diliviri.com](#) (+5 sub app)

[wow.kanoon.ir](#)

[Visit24.ir](#)

[Nopana.ir](#)

[Cyberpolice.ir](#)

[trustwatches.com](#)

[isu.ac.ir](#)

[setare.com](#), ...

## PROFILE :

I'm a **hands-on team Lead/Senior Full stack** JavaScript developer with **7+ years' experience in NodeJS** and **10+ years in front-end Software development** technologies and about **12+ years in management**.

I've shifted from Monolithic App architecture to micro service and FAAS to improve efficiency at least by 100%. I'm **fast, efficient** and insist on **reaching the target first, then improve it to perfection** Plan.

I have experience in creating **micro service, FAAS, All-In-One multi-purpose, prototype** Apps with **NodeJS** and it's **front-end and back-end** frameworks to be used all over the platforms and OSs. worked with **really complex algorithms** to ensure the **reliability and efficiency** of the product. Experienced in **breaking down complex query** and data manipulation procedures **to increase performance and simplicity**. Created **prototype apps** in really short times for analysis and oversight.

I mostly struck people as **smart, resourceful and a great team worker**.

## OVERALL EXPERIENCES:

I currently working as **technical manager** in **Tecnotree** an international software company working with various applications in **telecommunication** domain, before that I was working in **Ecommerce, geolocation, Educational** Domains and have **recruited, trained and led teams** for multiple projects.

## OVERALL ACHEIVEMENTS:

- Converting Monolithic App to Microservice (+400% Efficiency)
- Converting Native Development to PWA (-60% develop cost)
- Improving Procedures & DBA Efficiency (+20% to +70% Efficiency)
- Created Apps from scratch for Different Ideas (creating revenue)
- Recruiting and training Teams to get the job done ...

## Experiences

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### • Tecnotree: (since Sep 2019)

- Used technologies:  
NodeJS, Scala, spring boot, Kafka, Cassandra, redis, MySQL, mongo dB, docker, Kubernetes, rancher, Angularjs, Vuejs, ReactJs, react-native, minio, azure, Jenkins, git flows, ..., Jira and other management tools

#### As Technical Manager

I'm responsible for development and delivery of multiple product some with wide user interface and third party integrations:

- customer management and interface product
- inventory management product
- catalog management product
- billing product
- order management product
- Etc...

As a **Senior full stack** developer in Tecnotree I've involved in multiple projects:

- created an app to aggregate the data stream with node so the need for data manipulation in almost all apps can be done with drag and drop ([HTTPS://BABAKZARRINBAL.GITHUB.IO/JSON-MAPPING-FRONT](https://BABAKZARRINBAL.GITHUB.IO/JSON-MAPPING-FRONT))
- developed flowchart designer app to create and manipulate workflow algorithms and monitor different container run and orchestration
- developed bill designing and conversation tools with generic configurations for freedom of management and reusability
- a lot of debugging and deployment under docker and rancher environments with NodeJS apps

### • Diliviri/Eposense: (Sep 2018-Sep 2019)

- Used technologies:  
NodeJS, redis, MySQL, mongo dB, docker, Kubernetes, Angularjs, Vuejs, google maps, open street, AWS, Jenkins, git flows, ..., Jira

As **Team Lead and senior full stack** developer I developed and improved existing parts of the whole ecosystem of the Diliviri (app for deliver goods with hired/outsourced driver and vehicles). I added multiple apps as well as improvement in followings ...

- Changed monolithic Admin app to microservice architect (Efficiency **+400%**)
- Converted Driver & Supervisor Native apps for IOS, Android to PWA apps (Development costs **-60%**)
- Created complex Multi routing algorithms for concurrent deliveries with one driver (profit avg **+50%**)
- Kick started standalone routing (in map) and tile Api server for completely free of charge map view and routing (map costs **-100%**)
- Created CI/CD procedure to ensure code health and faster integration for testing and deployment (DevUp costs **-70%**)
- Creating/modifying and managing 6 apps under the whole product ...

### • Rahpooyan: (Mar 2014-Sep 2019)

- Used technologies:  
Php Laravel, composer, NodeJS, redis, MySQL, Angularjs, Vuejs, google maps, open street, Jenkins, git flows, ..., Jira

As **full stack** developer I developed and kickstarted and multiple products based on multiple customer needs and descriptions

- Easybimeh.com (front-end) Improving system for example adding lazyloading and breaking services for better user experience (Efficiency **+40%**)
- Wow.kanoon.ir (full-stack) create and deploy full featured learning app to teach/test and give certificate for English learning (Creating revenue)
- Visit24.ir (full-stack) create and deploy 4 different parts whole startup to kickstart it and created the development team and mentored them to continue the work (Creating revenue)
- Review (full-stack) creation and deployment of video clip audio extraction and translation plus online subtitle creation (Creating revenue)

5. Choqok (full-stack) creation and deployment of pdf modification and content adding system for teachers/ reviewers/ experts/ students (Creating revenue)
6. Multiple Crawlers for extracting information from different sites and Api for creating datasets and using them in different projects (Creating revenue)
7. Apanajh (front-end) creating front end for Apanajh social media startup and create and mentor front-end team for them ... (Creating revenue)
8. Multiple sites and application for various use cases

### • Atlas-Offshore, Knauf Iran: (2008 to 2014)

I worked as project planner / controller in mostly gas and oil projects , sometimes as team managers and leaders I Developed a lot of features and mini apps to perform their tasks and automate them , at some point I developed a whole reporting system that decreased the cost of procedure and man/hour about 50%

## Education & Other Skills

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- **B.A. of Industrial Eng.** from **University of science and culture** (Tehran, Iran)
- Vba, vbs scripting in Microsoft products
- Linux automations scripting
- Web-scrapping and mining data from web
- **Languages: English**<sub>(fluent)</sub>, **Persian**<sub>(native)</sub>, **German**<sub>(medium)</sub>, **French**<sub>(beginner)</sub>, **Arabic**<sub>(beginner)</sub>
- Proficiency in organization flows and optimizing flows and procedures
- **Project-Control: Jira, Open-Api, Agile, MS-Projects, Primavera**
- Project management and analysis
- Financial analysis and cost control over projects
- Optimization of project procedures and divisions data flow