| Babak  zarrinbal | **Full stack developer / Team lead / Solution Architect**  **10+ years experienced.**  [Germany, Düsseldorf 40217](https://goo.gl/maps/NDecVXduiwrVtFuBA)  [Babak.zarrinbal@gmail.com](mailto:Babak.zarrinbal@gmail.com)  +49 157 3489 7539 | |
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| About me **[LinkedIn](https://linkedin.com/in/babak-zarrinbal/)**[: https://linkedin.com/in/babak-zarrinbal/](https://linkedin.com/in/babak-zarrinbal/)  **[NPM](https://npmjs.com/~babak.zarrinbal)**[: https://npmjs.com/~babak.zarrinbal](https://npmjs.com/~babak.zarrinbal)  **[GitHub](https://github.com/babakzarrinbal)**[: https://github.com/babakzarrinbal](https://github.com/babakzarrinbal)  [**GitLab:  https://gitlab.com/bzarrinbal**](GitLab:%20https://gitlab.com/bzarrinbal) | Experience: Development 10+ years, Leadership: 8+ years  Titles: Senior Full stack developer/ Team Lead / Solution Architect / Technical Mng  Responsibilities: Proposals / Architecture / Implementations / team building / Mentoring  Domains: Telecom / Commercials / Startups / Insurance / Finance / security  Personality: self-Growing / Team Worker / Energetic / Work is life, it should be fun  Growth comes from within oneself, Truth is the drive for Knowledge,  Anything can be accomplished when people come together. |
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| Technologies | |
| **Architecture** | Architecture: Micro-service, Micro-Frontend, Terraform,  CI/CD: Jenkins, GitHub Actions, CircleCI, Kubernetes, Docker, Rancher,  AWS: (4 years) ECS, EC2, IAM, Lambda, S3, DynamoDB, EKS, VPC, Fargate, API gateway, SAM, CDK  Oracle: (2 years) OCI, Db, ML,  Azure: (1 year) VM, Functions, Devops, Blob storage, Azure recognition sdk.  Google cloud: (1 year) Auth, drive API, Document AI, Translation API, |
| **Platforms** | Linux containerized apps, Web apps, Cloud services, Electron, React Native, Chrome extensions,  Vscode extensions |
| **Languages** | **JavaScript**: (12 years), **TypeScript**: (6 years)  Raw JavaScript/TypeScript, NodeJS, NestJs, NextJS, GraphQL, ReactJS, VueJS, NuxtJS, Svelte, ExpressJS, FastifyJS, SocketIO, AngularJS & Angular 12, CLI scripts  **AI:** (2 year) Hugging Face Transformers, Fine tuning, document classifications/ tagging/ description  **Python**: (3 years) Django, Flask,  **Java**: (2 years) SpringBoot  **Golang**: (1 year) Gin  **Bash**: (5 years) as a secondary scripting language  **PHP**: (4 years *but it’s old stack now*) Laravel, Drupal, WordPress, Joomla |
| **Database** | Oracle DB, Mongo dB, Cassandra DB, MySQL, MariaDB, PostgreSQL, SQLite, SQL Server |
| **Message Brokers / Cache** | RabbitMQ, Kafka,SNS, SQS, Redis, Memcache |
| **Monitoring Tools** | Datadog, Aws X-Ray, Cloud Watch, Grafana, Kibana, GitHub Reporting, Jira, Kanban Boards, Teams, Excel, MS Projects, Grant graphs |

# Most Recent Career Highlights

🚀 **Since Feb 2022**: Fueling Innovation at Retraced: I'm currently spearheading teams at Retraced, an international trailblazer in tracing and sustainability. As a Team Lead, I'm driving groundbreaking solutions that impact global processes. From Node.js services to Oracle databases, I orchestrate diverse technologies to achieve remarkable results.

* Service Proposal / team assembly / architecture design / development / deployment / technical bridge
* Team leading through feature development or maintaining epics
* Hands-on bug fixing, app developing, designing
* Product meeting to understand needs and strategy going forward
* Performance evaluation, recruiting talents

🌍 **2016 - 2022** Tecnotree: Where Innovation Meets Telecom Navigating the intricate landscape of international telecommunications at Tecnotree, I spearheaded a 20-member strong team as a Technical Lead. In this Finnish software powerhouse, I not only pioneered the development of applications that underpin crucial telecom operations but also mentored and guided teams to resounding success. From orchestrating Node.js marvels to seamlessly managing Kubernetes, I ensured our services remained at the forefront of innovation.

* Technical mng. Responsibilities
  + progress report/ funding meetings / personal evaluation/ top level product strategies
  + Grooming product needs/ proposing solutions/ discussing implementation ideas
  + Leading 20+ developers into 5 rotating teams,
  + Performance management / recruitment process
  + Implementing flat hierarchy to increase innovation and performance
* As senior full-stack developer in early days
  + Proposed and implemented over 5 full featured services for different parts of the eco system
  + Going through the whole ecosystem with different team to further improve the products
  + Assembled teams to perform tasks,
  + Bug fixing, test implementation, feature developments, architecture implementation

🛍️ From **2012** OnEcommerce, Geolocation, Education: My journey began in the dynamic realms of Ecommerce, Geolocation, and Education. In these diverse sectors, I crafted versatile solutions and pioneered novel approaches. My leadership style has empowered teams, driving excellence in performance, and fostering innovation.

# educations and skills

* **University: B.A.** of **Industrial Eng.** fromUniversity of science and culture(Tehran, Iran)
* **Languages:** 
  + **English** (Fluent) has been working with international teams since 2008.
  + **Persian** (Native)**,** my mother tongue
  + **German** (A2)**,** in process of learning
  + **Arabic** (basic understanding)
* Project management courses for MBA
* financial management courses
* Project planning and control courses

Work History

* **Retraced: (since Feb 2022)**

As a hands-on **technical manager/team lead** I teach, guide, and work alongside my teammates to reach the goals of the platform which is vary.

technologies included:

* + - *NodeJS micro services services*
    - *React front-end app*
    - *Circleci / github actions, terraform*
    - *DataDog for production monitoring*
    - *Aws : ECS, EC2, S3, EKS*
    - *Oracle db*
    - *RabbitMQ*
    - *Docker, Kubernetes, Github Actions*
* **Tecnotree: (Sep 2016-Feb 2022)**

As a **Technical Manager** I’ve managed 3 teams regarding development and maintenance of multiple (more then 70) services to ensure delivery of 3 main telecommunication projects  
in here I’ve managed, created, educated and guided new teams, and implemented the one man do it all approach on all the scenarios and proud to say I have guided almost 10+ people from junior seniority skills Technologies included:

* *Nodejs*
* *Spring boot*
* *Cassandra, mongo dB, MySQL,*
* *Kafka, RabbitMQ*
* *Rancher, docker, Kubernetes*
* *React, Vue, AngularJS.*
* *Ci/cd with Jenkins*
* *AWS, GOOGLE cloud services*
* **Diliviri/Eposense: (Sep 2015-Sep 2016)**

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 2013-Sep 2015)**

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 lazy loading 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)
* Choqok (full stack) creation and deployment of pdf modification and content adding system for teachers/ reviewers/ experts/ students (Creating revenue)
* Multiple Crawlers for extracting information from different sites and Api for creating datasets and using them in different projects. (Creating revenue)
* Apanajh (front-end) creating front end for Apanajh social media startup and create and mentor front-end team for them … (Creating revenue)
* Multiple sites and application for various use cases
* **Freelance Jobs /ISIRAN: (2012 to 2013)**

A Lot of front-end / full-stack project that I’ve done in that period mainly done with php/Laravel MySQL and VueJs AngularJs and some with Drupal, and after a while I got hired in ISIRAN and this was my first full time development job

* **Atlas-Offshore, Knauf Iran: (2008 to 2013)**

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%