BABAK ZARRINBAL

Full stack developer / Team lead / Solution Architect

10+ years experienced.

Germany, Düsseldorf 40217

Babak.zarrinbal@gmail.com

+49 157 3489 7539

ABOUT ME

LinkedIn:
https://linkedin.com/in/babak-zarrinbal/

NPM:
https://npmjs.com/~babak.zarrinbal

GitHub:
https://github.com/babakzarrinbal

GitLab:
https://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.

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** On Ecommerce, 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.** from University 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%