Shahryar Tavakkoli

Elixir Full Stack Developer (React JS, Next JS, Phoenix LiveView)

A software engineer, over 9 years of experience working with **JavaScript**, **TypeScript**, and **Elixir**. Skilled i n **ReactJS**, **Next.js** and **Phoenix**, which enables the development of efficient products and APIs, especially in the fields of finance and local business software. Interested in utilizing Elixir OTP with **ReactJS/Next.js** to construct fault-tolerant distributed systems and address performance challenges.

✉ shahryar.tbiz@gmail.com

📍 Tehran, Iran

⬛ github.com/shahryarjb

📱 +989368094936

in linkedin.com/in/shahryar-tavakkoli

WORK EXPERIENCE

Elixir Full Stack Developer (React JS, Next JS, Phoenix LiveView)
Mahsan

05/2023 - Present   *Full-time*
Mehsan is a company that offers business-to-business services.

Achievements/Tasks
- Extending monitoring panel for Ejabberd with real-time encryption and output for different platforms (**Elixir**).
- Using ReactJS to create an XMPP client for use in enterprise chat software, which covers 3000 employees daily.
- Building infrastructure and SDK for rapid development of the converse.js client.
- Improving performance and building caching strategies by service worker and workbox.
- Making custom-made triggers to bring the user experience in close proximity to real-time communication.
- Developing a system for polymorphism, a central plugin, and an appropriate infrastructure to support project work by several teams.

Elixir Full Stack Developer (React JS, Next JS, Phoenix LiveView)
Mishka Group

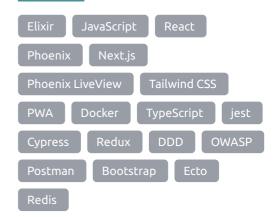*09/2020 - Present*   *Part-time*
Mishka is a highly agile software group combining care and technology to help local businesses thrive.

Achievements/Tasks
- Developing and designing financial system for local businesses that is integrated simple SPA shopping page.
- Creating practical projects to review Next.js and correct issues related to the content management system API for the release of the new version.
- Building MishkaCms which is a real-time API base CMS Powered by Elixir and Phoenix.
- Improving and scaling 64k customers to reduce costs response rate with stateful Elixir/Phoenix API help and OTP caching.

SKILLS

Elixir   JavaScript   React   Phoenix   Next.js   Phoenix LiveView   Tailwind CSS   PWA   Docker   TypeScript   jest   Cypress   Redux   DDD   OWASP   Postman   Bootstrap   Ecto   Redis

PERSONAL PROJECTS

MishkaInstaller (01/2022 - Present)
- Mishka Installer is a system plugin manager and run time installer for elixir. Link: https://github.com/mishka-group/mishka_installer

Mishka developer tools (11/2021 - Present)
- Mishka developer tools provides some macros and modules to make creating your elixir application as easy as possible. Link: https://github.com/mishka-group/mishka_developer_tools

EDUCATION

Master's degree, E-Commerce/Electronic Commerce
Faranmehr Danesh

2016 - 2019

INTERESTS

Local business   Photography   Swimming   Voluntary training

WORK EXPERIENCE

Elixir Full Stack Developer (React JS, Next JS, Phoenix LiveView)
Novin Kish Informatics Services Corporation

02/2022 - 03/2023   *Full-time*

MISC is a provider of new banking services based on information technology.

Achievements/Tasks

- Reporting in real time in the managed queue based on 10,000 requests being made at the same time and the creation of various files for the management layer (**Elixir**).
- Developing and rewriting of the front part of the PWA mobile application of Central Bank of Iran.
- Participation in the preparation of enterprise infrastructure in banking PWA applications with the help of ReactJS library and Next.js framework.
- Profiling and refactoring performance issues; its result has been tested (A/B) for 3k users and is about 90% improvement.
- Trying to implement the Polymorphism and Inheritance pattern to improve the update process and reduce the cost of possible changes.

Elixir Full Stack Developer (React JS)
Homygram

07/2020 - 07/2021   *Part-time*

Homygram is an Australian company that is engaged in the business of developing social networks with a focus on the real estate industry.

Achievements/Tasks

- Developing APIs (**Elixir**) for temporary housing tenants and refining the automatic response feature in the Facebook social network (Facebook Message - Bot).
- Integrated UI components with famous front-end libraries including Storybook and ChakraUi.
- Enhanced the process of submitting requests to the server by caching information with the help of the service worker.
- Boosted the effectiveness of the various loading life cycle strategies, as well as putting more of an emphasis on their implementation (in the front-end section: SSR, CSR, ISR).

Elixir Backend Developer (Software Engineer)
Trangell

07/2015 - 01/2021   *Full-time*

Trangell is a small company that provides some necessary software to manage small enterprises in the area.

Achievements/Tasks

- Worked on optimization legacy projects and move them in Elixir mindset like (Using GenServer/OTP, Phoenix fretwork/Phoenix LiveView/Real-time app).
- Created an open source and real time API base CMS Powered by Elixir and Phoenix.
- Provided many outsourcing services to large companies, banking plugins and 3rd parties for Zarinpal company.

INTERESTS

Mountaineering

Academic music activity