

# Shahryar Aboutorabi

## Fullstack Developer

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Fullstack Developer with 8+ years of experience, specializing in **ReactJs, NextJs, VueJs, TypeScript, NodeJs** with **ExpressJs** and **Go**. Proven track record of delivering high-quality projects of varying complexity to diverse user bases. Skilled in building robust and responsive user interfaces, integrating APIs, and optimizing application performance. Strong understanding of modern frontend development practices and ability to collaborate effectively with cross-functional teams. Experienced in designing and implementing **microservice** and **event-driven architecture**, ensuring scalable, reliable, and maintainable solutions.

### 🧩 Skills

#### Frontend

Javascript, Typescript, ReactJs, NextJs, NX, VueJs, Redux ( Saga, Thunk), React Query

#### Database

MongoDB, MySQL, PostgreSQL, Redis

#### Testing

Jest, Cypress, Enzyme, React testing library, Supertest, Selenium

#### Backend

Nodejs, ExpressJs, Golang, Flask, Message Queue (Apache Kafka), GraphQL, tRPC, gRPC

#### HTML/CSS

CSS Preprocessors ( Sass, Scss ), styled-components, JSS, Bootstrap, Tailwind

#### Cloud & DevOps

AWS, Azure, Terraform (IaC), Kubernetes, Helm, Docker, Github Actions, Jenkins

### 📁 Professional Experience

07/2023 – present

#### Senior Fullstack Developer, KickstartAI

Delft, Netherlands

**Kickstart AI** Non-profit organization dedicated to enhancing society through the application of AI by fostering collaboration among data-driven companies, academia, and skilled professionals.

(TypeScript, Express.js, Next.js, Apache Kafka, NX, Docker, Kubernetes, React Query, MongoDB, Swagger, Redis, TailwindCSS, Microsoft Azure, Terraform)

- Developed two products from scratch, utilizing **NextJs** for the frontend and Express.js for the backend. Established a GitHub Actions pipeline and documented API endpoints with Swagger.
- Created an embedded AI chatbot using **Retrieval-Augmented Generation (RAG)** to enable access to documents and real-time data, leveraging LLMs (OpenAI and LlamaIndex).
- Built and extended microservices to support user interactions, including features for commenting and voting.

09/2022 – 07/2023

#### Senior Frontend Developer, Studocu

Amsterdam, Netherlands

A platform for students to share their study material with other students around the world.

(React.js, TypeScript, Next.js, Docker, Redux, React Query, Storybook, Jenkins, AWS, Terraform, PagerDuty, AWS Lambda)

- Refactored the CI/CD pipeline, resulting in a **200% increase in deployment frequency**.
- Enhanced the bundling strategy, **reducing the bundle size by 20%**.
- Contributed to **the migration** of the product codebase from React.js to Next.js.
- Improved alert response time **by integrating the alerting system with CI/CD** to automatically perform necessary actions.
- Implemented new infrastructure services on AWS using Terraform.

09/2021 – 08/2022	<p><b>Senior Frontend Developer, Finology</b> <a href="#">↗</a>  <i>Malaysian fintech company driving innovation in the banking, property, and insurance industries.</i></p> <p>(React.js, TypeScript, Next.js, Redux, GraphQL, Docker, Strapi, Storybook)</p> <ul style="list-style-type: none"> <li>• Developed and maintained end-to-end (E2E) and integration tests, achieving over <b>80% test coverage</b>.</li> <li>• Implemented the new website layout for company rebranding <a href="#">↗</a></li> <li>• Created a new product <b>from scratch based on Reactjs and Typescript</b> <ul style="list-style-type: none"> <li>- i-flexcover <a href="#">↗</a></li> </ul> </li> <li>• Maintained the other products <ul style="list-style-type: none"> <li>- i-med <a href="#">↗</a></li> <li>- i-protect <a href="#">↗</a></li> <li>- i-care <a href="#">↗</a></li> </ul> </li> </ul>	Kuala Lumpur, Malaysia
03/2020 – 09/2021	<p><b>Senior Frontend Developer, Arpc</b>  Arpc focuses on communication and information Network directories, Data Centers, Smart Buildings, Automation, IT, and Network Security.</p> <p>(Reactjs, Typescript, NextJs, Express, MongoDB)</p> <ul style="list-style-type: none"> <li>• Created a new layout for the company's website</li> <li>• Introduced a platform for network hardware price tracking with <b>Reactjs</b></li> <li>• Implemented more than <b>40% of Product APIs</b> with <b>Expressjs</b></li> <li>• Collaborated in Unit test and end-to-end tests development with Puppeteer and Jest with more than 80% coverage rate</li> </ul>	Tehran, Iran
12/2017 – 04/2020	<p><b>Senior Frontend Developer, Ifroute</b>  Chehelso was a marketplace with more than 100,000 product SKUs.</p> <p>(ReactJs, Redux, Docker, Bootstrap)</p> <ul style="list-style-type: none"> <li>• Worked on the website and admin panel for Chehelso</li> <li>• Developed a crawler for data tracking with <b>Python</b> (Scrapy) that keeps information updated for more than 60,000 products in a day</li> </ul>	Tehran, Iran
04/2017 – 11/2017	<p><b>Frontend Developer, Arosis ( Dakhleto )</b>  Dakhleto Point of Sale application</p> <p>(Reactjs, Nodejs, Socket.io, Bootstrap)</p> <ul style="list-style-type: none"> <li>• Implemented the inventory management module</li> <li>• Developed the payment module</li> </ul>	Tehran, Iran
04/2016 – 03/2017	<p><b>Co-Founder and Frontend Developer, Hyperka - online grocery store</b>  Hyperka was an online platform for grocery delivery services that enabled consumers to shop for groceries in their favorite chain supermarkets via mobile app and website.</p> <ul style="list-style-type: none"> <li>• Prepared <b>an Android application</b> with <b>Java</b></li> <li>• Contributed to website development</li> </ul>	Tehran, Iran

## Education

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<b>M.Sc , software Engineering, Islamic Azad University</b>	Tehran, Iran
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- Thesis : A new Self-Adaptation clustering algorithm based on Cuckoo algorithm and Bat algorithm