

Turkcell React Developer - Case Study

About us

Turkcell is a converged telecommunication and technology services provider, founded and headquartered in Turkey. It serves its customers with voice, data, TV and value-added consumer and enterprise services on mobile and fixed networks. Turkcell's shares have been traded on the Borsa Istanbul (BIST) and New York Stock Exchanges (NYSE) since July 11, 2000, and it is the only Turkish company to be listed on the latter exchange. Turkcell is also quoted on the Borsa Istanbul Sustainability Index.

Turkcell's target has been to become an integrated communication and technology services player in the region, operating a converged mobile and fixed network platform and offering a wide range of innovative products and services. Turkcell believes that it is important to offer our consumer and corporate customers the full range of our mobile, fixed and broadband services to meet their expectations.

Turkcell also has investments abroad. KKTCell, a 100%-owned subsidiary of Turkcell, was established in 1999 and operates within the framework of a revenue-sharing agreement with the Telecommunications Authority of the Turkish Republic of Northern Cyprus. lifecell, a company in Ukraine in which Turkcell holds a 100% stake, began operating in February 2005. Turkcell also acquired an 80% stake in BeST from the State Committee on Property of the Republic of Belarus in 2008. Turkcell has been present in Germany with the Turkcell Europe brand since 2011, and continues operations in that country through a marketing partnership with a subsidiary of Deutsche Telecom.

Turkcell, with its wide coverage area and diverse range of services abroad, is therefore, able to provide its subscribers with mobile communication services, both in Turkey and around the world.

Congratulations on taking the case study/assignment stage as part of the React Developer recruitment process.

Context on your domain:

We are looking for a React Developer with a strong sense of ownership and a passion for delivering innovative solutions.

You need to develop a simple React video chat application.

Application requirements

- Using React and Redux library is mandatory.
- Unittest (Bonus).
- Do not use CSS library or React UI library.
- Use WebRTC.

Once you choose to accept, then you'll have up to **1 week to complete it**, but you can send it any time sooner. Please note that the objective of this case study is to understand your way of working and the strategic thinking process behind how you would tackle specific tasks in order to achieve targets for your daily operations in a new environment & under different challenges. While we are not asking you to share any confidential/proprietary data or knowledge about your past experiences we would like to ensure that you have a holistic understanding and command over your domain. In this regard, you may choose the most practical way to convey this information to us in your case study/assignment, though we would expect to hear your argumentation and reasoning at the case presentation session.

If you require any further information, please feel free to contact us.