Internet:

DANILOV, Anton. Analýza programovacího jazyka Kotlin, jeho srovnání s jazykem Java 8 a praktické využití při vývoji na platformě Android [online]. Praha, 2017 [cit. 2019-06-11]. Dostupné z: <https://theses.cz/id/u5c85i/>. Diplomová práce. Vysoká škola ekonomická v Praze. Vedoucí práce Jarmila Pavlíčková.

JAROŠ, Jan. Použitelnost jazyka Kotlin při vývoji mobilních aplikací [online]. Praha, 2018 [cit. 2019-06-11]. Dostupné z: <https://theses.cz/id/fps0ec/>. Bakalářská práce. Vysoká škola ekonomická v Praze. Vedoucí práce Rudolf Pecinovský.

MAI, Duc Anh. Transformation of Android Mobile App from Java to Kotlin [online]. Praha, 2018 [cit. 2019-06-11]. Dostupné z: <https://theses.cz/id/fukc4l/>. Diplomová práce. Vysoká škola ekonomická v Praze. Vedoucí práce Alena Buchalcevová.

MOTTL, Jan. Moderní vývoj aplikací pro platformu Android [online]. Praha, 2018 [cit. 2019-06-11]. Dostupné z: <https://theses.cz/id/tk66dq/>. Diplomová práce. Vysoká škola ekonomická v Praze. Vedoucí práce Jarmila Pavlíčková.

KOZÁKOVÁ, Eva. Specifikace server-side technologií, jejich implementace a porovnání [online]. Hradec Králové, 2019 [cit. 2019-06-11]. Dostupné z: <https://theses.cz/id/u461g4/>. Diplomová práce. Univerzita Hradec Králové, Fakulta informatiky a managementu. Vedoucí práce doc. Ing. Filip Malý, Ph.D..

NEZDARA, Vojtěch. Vývoj moderních webových aplikací [online]. Praha, 2016 [cit. 2019-06-11]. Dostupné z: <https://theses.cz/id/uqff1w/>. Diplomová práce. Vysoká škola ekonomická v Praze. Vedoucí práce Alena Buchalcevová.

Zahraniční:

Perception and effects of implementing Kotlin in existing projects:  
<https://pdfs.semanticscholar.org/85c4/824a4ae6a2978d60cb56c58f40b8b1b439da.pdf>

Performance Evaluation of Kotlin and Java on Android Runtime:  
<http://www.nada.kth.se/~ann/exjobb/patrik_schwermer.pdf>

Developer survey 2019:  
<https://insights.stackoverflow.com/survey/2019#technology-_-most-loved-dreaded-and-wanted-web-frameworks>

Developer survey 2018:  
<https://insights.stackoverflow.com/survey/2018#technology>

Devecosystem 2018:  
<https://www.jetbrains.com/research/devecosystem-2018/>

Devecosystem – Kotlin 2018:  
<https://www.jetbrains.com/research/devecosystem-2018/kotlin/>

Devecosystem 2019:  
<https://www.jetbrains.com/research/devecosystem-2019/>

Devecosystem – Kotlin 2019:  
<https://www.jetbrains.com/research/devecosystem-2019/kotlin/>

Ranking Programming Languages by GitHub Users:  
<https://www.benfrederickson.com/ranking-programming-languages-by-github-users/>

PYPL PopularitY of Programming Language:  
<http://pypl.github.io/PYPL.html>

TIOBE Index for June 2019:  
<https://www.tiobe.com/tiobe-index/>

Knihy:

Samuel, S. and Bocutiu, S. (n.d.). *Programming kotlin*.

Denis Kalinin, Modern Web Development with Kotlin

Alexey Soshin, Hands-on Design Patterns with Kotlin: Build scalable applications using traditional, reactive, and concurrent design patterns in Kotlin

Igor Kucherenko, Mastering High Performance with Kotlin: Overcome performance difficulties in Kotlin with a range of exciting techniques and solutions

Raghavendra Rao K - Raghavendra Rao K , Kotlin for Enterprise Applications using Java EE Raghavendra Rao K Packt Publishing Ltd

Java magazine: march-april [online]. Oracle, 2019 [cit. 2019-09-28]. Dostupné z: <https://blogs.oracle.com/javamagazine/>

Vuksanovic, Irena & Sudarevic, Bojan. (2011). Use of web application frameworks in the development of small applications. 458-462.

Ostatní:

<https://softwareengineering.stackexchange.com/questions/158745/what-was-the-first-server-side-language>

<https://www.zive.cz/clanky/java-vs-c---ktery-jazyk-zvolit/sc-3-a-104694/default.aspx>

<https://dri.es/a-history-of-javascript-across-the-stack>

<https://www.quora.com/Are-there-languages-that-make-better-use-of-a-JVM-than-Java>

<https://dzone.com/articles/benchmarking-scala-against>

<https://w3techs.com/technologies/overview/programming_language/all>

<https://octoverse.github.com/projects#languages>

<https://realm.io/realm-report/>

<https://hackernoon.com/major-programming-trends-to-prepare-for-in-2019-169987cc75f4>

<https://techbeacon.com/app-dev-testing/9-code-framework-trends-watch-2018>

<https://www.tomaskubica.cz/post/2017/serverless-existuji-aplikace-bez-serveru/>

<https://martinfowler.com/articles/serverless.html>

Erb, Benjamin. (2012). Concurrent Programming for Scalable Web Architectures. 10.18725/OPARU-2423.

MOSELEY, Ben MARKS, Peter: Out of the Tar Pit, (2006)

<https://berb.github.io/diploma-thesis>

<https://www.forbes.com/sites/forbestechcouncil/2018/10/05/15-predictions-for-the-next-big-thing-in-software-development/#30a935e0522f>

<https://dzone.com/articles/trends-in-enterprise-software-development-2019-and>

<https://dzone.com/articles/serverless-architectures-against-containerized-arc?edition=491306&utm_source=Daily%20Digest&utm_medium=email&utm_campaign=Daily%20Digest%202019-06-25>

<https://www.ludekvesely.cz/proc-pouzivat-kubernetes/>

<https://medium.com/sw-d/microservice-4609d656ccf8>

<https://blogs.oracle.com/arungupta/non-blocking-io-using-servlet-31:-scalable-applications-using-java-ee-7-totd-188>

<https://projectreactor.io/>

<https://medium.com/priceline-labs/choosing-a-reactive-framework-for-the-jvm-ec66f6cde552>

<https://djangostars.com/blog/what-is-a-web-framework/>

<https://pdfs.semanticscholar.org/8353/e9b61783ef7d3a06bcca207d91b624c45c6e.pdf>

<https://www.sciencedirect.com/science/article/pii/S187770581400352X?via%3Dihub>

<https://www.techopedia.com/definition/24649/three-tier-architecture>

<https://dzone.com/articles/modern-type-safe-template-engines>

<https://dzone.com/articles/modern-type-safe-template-engines-part-2>

<https://searchstorage.techtarget.com/definition/cache>

<https://dzone.com/articles/where-is-my-cache-architectural-patterns-for-cachi?edition=521353&utm_source=Weekly%20Digest&utm_medium=email&utm_campaign=Weekly%20Digest%202019-10-02>

<https://www.cubrid.org/blog/inside-vertx-comparison-with-nodejs/>

<https://www.celum.com/de/blog/technologie/the-reactor-pattern-and-non-blocking-io>

<https://www.kotlindevelopment.com/why-kotlin-for-backend-is-a-real-thing/>

<https://vertx.io/>

[https://ktor.io](https://ktor.io/)