

Lukáš Buňát





🛅 Full-Stack Developer 🖥 Big Data Engineer 🖓 Business Consultant







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bunatl



lukasbunat

Full-Stack Developer with the primary focus on front-end with 4+ years of experience in web/software development and data science. I have an educational background in Computer Science and Business Informatics at many different universities all over the world. I thrive on multicultural teams and enjoy resolving everyday challenges using my analytical thinking and problem-solving skills.



Technical Skills

	Front-End	React.js 16.12, JavaScript ES6/2017, TypeScript, HTML5, CSS3, Sass	
Full-Stack	Back-End	AWS services, serverless, Node.js, express.js, apache2, nginx	
technologies	Dologies Database MongoDB (Mongoose, Monk), DynamoDB, MySQL, MS SQL Server, lowdb		
_	Other	Yarn, npm, webpack, parcel, react testing library, Jest, Cypress, postman	
Data Science	Python, R, SQL SSIS/SSAS, BI, Tableau, Hadoop, PySpark, Rapid Miner, Hive, Spark, Jupyter		
Collaboration	GIT (GitHub), JIRA, Trello, Slack, Asana, G Suite, MS Teams, Office 365		



Freelance

Work Experience

Web dev, tutor & consultant 05/2015 - Present Prague, Czech Republic

- I consult businesses to digitalize their processes
- I am implementing (web) automatization tools
- Build and maintain business React/WordPress websites
- I tutor university students in programming & math
- Implementing additional web apps' functionalities

05/2018-05/2019 Video services specialist O2 Czech Republic a.s. Prague, Czech Republic

• I helped to deliver the O2TV platform with 500K users

- **O2TV** is a content streaming platform built with ReactJS and supported with other JAVA SE/EE & C applications
- I integrated an audio/video player for Prague's city hall
- I maintain and develop other internal application
- The platform is available on: https://www.o2tv.cz/

10/2017 - 12/2017 **Big Data Analyst** Madrid, Spain **Comillas Pontifical University**

- Analyzed Spain's power distribution system to discover consumption patterns using clustering techniques
- Analyzed data were stored in **Hadoop**, I processed them with **Spark** (for faster processing) and I used **Hive** for SQL-like interface. Code is written in PySpark
- The findings (visualized in pandas) allowed to pre-assign the necessary resources in each range of time or season

From 2014 to 2019 I had been working as a volunteer tutor at international student club at CTU.



Featured Projects

Portalo

- A portal that links internal and external web apps into a single portal. User module allows manage employees and their information store in a database
- I created this project as part of my diploma thesis and distributed it as an open-source code
- Front-end part is written in ReactJS with Ant Design and back-end using GraphQL with DynamoDB, Lambda, IAM, Amplify and Cognito services. Hosted on AWS.

EconMetrics CZ

- The application provides company profiling, economical scoring and other multicriteria analysis using gathered and structured available public data
- Reports from EconMetrics can be used either by individuals or companies
- API enables automatization for 3rd parties
- Currently is project in development

Company Business Intelligence Analysis

- I designed and created a database in MS SQL Server based on the structure of the given raw data
- With data pumps I imported raw data from excel, txt, csv and MS Access files, using ETL operations in SQL SSIS
- Based on stored data, I built OLAP cube in SQL SSAS and graphically represented them in Tableau





New creative and innovative approaches to problem solving



Very good (cross-culture) communication for constructive teamwork



Enthusiastic and passionate about learning new things and technologies



Decisiveness and good decision-making (even uder pressure) & leadership



Effective time managment to ensure tasks' deadlines are met



Education

Unive	rsity, Year(s) of Study	Field of study, Faculty	Location	
STOP OF OR	University of Economics and Business	Information systems and technologies MSc. Graduate (Ing.), exp.06/2021	Prague,	
PRAZE	2019 - Present	Faculty of informatics and statistics	Czech Republic	
	Czech Technical University	Open Informatics	Prague,	
	2019	Faculty of Electrical Engineering	Czech Republic	
(SFS)	University of Finance and Administration	Applied Informatics Undergraduate (Bc.)	Prague, Czech Republic	
ecio _	2018-2019	Faculty of Economics	Czecii kepublic	
	Czech Technical University	Information Systems and Management	Prague,	
	2014–2018	Faculty of Information Technology	Czech Republic	
STATIONAL PROPERTY OF THE PROP	Kyungpook National University	Exchange studies	Daegu,	
新疆田 到唐	2017	College of IT Engineering	South Korea	
LUT OF HECHTOR	Indian Institute of Technology Madras	Exchange studies	Chennai,	
Egg. Brandara and St.	2016	Department of Computer Science	▼ India	
THE CHIVERS OF THE PERSON OF T	Delft University of Technology	Case study of Earthquakes in Netherland	Delft,	
Moccoxui	2016	The ATHENS Programme	Netherlands	
A	Mayflower College of English	Summer language school	Plymouth, United	
	2012		Kingdom	



Certificates

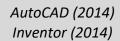


CISCO Academy

CCNA 1 (2013)



Autodesk





KFN of UNESCO

Cross Culture Awereness Programme