MSc. Lukáš **Buňát**

👨‍💻 Full-Stack Developer 📱 Big Data Engineer 💡 Business Consultant

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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

Full-Stack technologies	***Front-End***	React.js 16.12, JavaScript ES6/2017, TypeScript, HTML5, CSS3, Sass
	Back-End	AWS services, serverless, Node.js, express.js, apache2, nginx
	Database	MongoDB (Mongoose, Monk), DynamoDB, MySQL, MS SQL Server, lowdb
	Other	Yarn, npm, webpack, parcel, react testing library, Jest, Cypress, postman
Data Science		Python, 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

💼 Work Experience

Web dev, tutor & consultant   *05/2015 – Present*
Freelance   *Prague, Czech Republic*

- **Consult** businesses, **to digitalize** their **processes**
- Building **(web) automatization tools**
- Build and maintain business **React/WordPress websites**
- **Tutor** university students in **programming & math**
- **Implementing** additional web **apps' functionalities**

Video services specialist   *05/2018–05/2019*
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/

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

- *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

- Portalo is a portal that links internal and external web apps into a single portal. Users' module allows manage employees and their information stored 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**

Soft Skills

- 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

University, Year(s) of Study	Field of study, Faculty	Location
University of Economics and Business *2019 - 2021*	*Information systems and technologies* **MSc. Graduate (Ing.), 06/2021** Faculty of informatics and statistics	Prague, Czech Republic
Czech Technical University *2019*	*Open Informatics* Faculty of Electrical Engineering	Prague, Czech Republic
University of Finance and Administration *2018-2019*	*Applied Informatics* **Undergraduate (Bc.)** Faculty of Economics	Prague, Czech Republic
Czech Technical University *2014–2018*	*Information Systems and Management* Faculty of Information Technology	Prague, Czech Republic
Kyungpook National University *2017*	*Exchange studies* College of IT Engineering	Daegu, South Korea
Indian Institute of Technology Madras *2016*	*Exchange studies* Department of Computer Science	Chennai, India
Delft University of Technology *2016*	*Case study of Earthquakes in Netherland* The ATHENS Programme	Delft, Netherlands
Mayflower College of English *2012*	*Summer language school*	Plymouth, United Kingdom

Certificates

CISCO Academy *CCNA 1 (2013)*	**Autodesk** *AutoCAD (2014)* *Inventor (2014)*	**KFN of UNESCO** *Cross Culture Awereness Programme*