



# Lukáš Buňát



## Software & Full-Stack Developer and Data Engineer

I have been in IT and specifically in software development for 4+ years. When I used C++ and JAVA often speed, efficiency and design patterns were top priority. After two years, I transitioned into web development and finally, last year I found a passion for Full-Stack development. In the future, I am planning to use my Full-Stack skills and further expand my knowledge of single codebase frameworks and blockchain development.

I don't just code, thanks to my strong educational background, I have a wide range of theoretical principles, architecture structuring, planning that helps me finding clever solutions. I have had studied at many different universities all over the world and I take great pride in my international experience. I thrive on multicultural teams and enjoy resolving everyday challenges. I am always open to new opportunities and eager to learn more!

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## Technical Skills

### Software development

C, C++, JAVA SE, bash, AHK

### Full-Stack technologies

Front End	React.js 16.8, JavaScript ES6/2017, HTML5, CSS3
Back End	Node.js, express.js, JAVA EE
Database	SQL (MySQL, MS SQL Server), No-SQL (MongoDB, Mongoose)

### Software Collaboration

Tableau, Rapid Miner, Wolfram Alpha, Modelio, MS Office Suite, AutoCAD, Inventor

GIT, JIRA, Trello, Slack

### Theoretical informatics

Calculus, Linear Algebra, Algorithms, Speed and memory efficiency

### Computer architecture

Data and number representation, OS/memory/cache/FS management, multitasking

### Other

Business Intelligence, UML, Testing

Data analysis, Logical thinking, Critical & analytical thinking



## Experiences

### Work Experiences

#### Freelancer, "on and off"

09/2019 - Present

- Business websites
- Web application
- Full-Stack (JS, node.js, react), Wordpress



#### Network Infrastructure Specialist 05/2018–05/2019

O2 Czech Republic a.s., Prague, Czech Republic

- Software development of O2TV platform and company internal applications
- C, Java EE, JS, HTML, CSS

### Internships

#### Big Data Architect Trainee 10/2017–12/2017

Comillas Pontifical University, Madrid, Spain

- Application of Clustering Methods for Discovering Patterns of Energy
- PySpark, Jupyter, Hadoop

#### Network Engineer Trainee 03/2017–06/2017

Kyungpook National University, Daegu, South Korea

- Network node routing and latency simulations on COOJA Simulator
- Wireshark, COOJA

From 2014 to 2019 I had been working as a tutor at international student club at Czech Technical University.



## Soft Skills



New creative and innovative approaches to problem solving



Very good (cross-culture) communication for constructive teamwork



Enthusiastic about learning new things and technologies



Quick decisiveness, good decision-making (even under pressure), leadership



Effective time management to ensure tasks' deadlines are met



## Education

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



## Certificates



**CISCO Academy**  
CCNA 1 (2013)



**Autodesk**  
AutoCAD (2014)  
Inventor (2014)



**KFN of UNESCO**  
Cross Culture  
Awareness Programme