



# ZOLTÁN BUZÁS

## Full Stack Software Developer (Python, React)

Zoltán is an application and web developer, with 8+ years of experience in front-end technologies and 9+ years of experience in back-end technologies. He is an expert in Python, PHP, C#, HTML5, CSS, JavaScript, and SQL programming languages. He developed web APIs in high-scale projects, and he is familiar with multiple-layer application architecture and web service technologies such as SOAP, REST, and GraphQL.

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## TECHNICAL KNOWLEDGE

### PROGRAMMING SKILLS

Backend: Python, PHP, C#, SQL  
Frontend: React, Javascript, HTML5 and CSS  
Web frameworks: Django, Flask, FastAPI, SAPUI5  
Cloud, Network: Google Cloud, AWS, Kubernetes, Docker, Apache, IIS, NGINX  
Webservices/ API: GraphQL, REST, SOAP, WDSL, WADL  
Databases: MySQL, PostgreSQL, SQL Server, MongoDB  
Version Control: Git, SVN  
Operating Systems: Microsoft Windows, macOS, Linux

## WORK EXPERIENCE

### SENIOR SOFTWARE ENGINEER AT PLAYBRUSH LTD.

/ 2020 - 2021, London, UK

You brush. We care. You smile. Playbrush makes toothbrushing fun. Provides smart toothbrushes and mobile applications what help you during your daily brushing. You can play games with your smart toothbrush and track your activity.

#### Used technologies:

Python, React, PHP, Mongo DB, Postgres DB, REST API, Javascript, CSS, AWS, GitHub, Git, Asana, Shopify, Stripe.

#### Responsibilities:

- Improving creating landing pages.
- Implement new API functionalities, for the mobile application.
- Implement new reports for the management.
- Manage Shopify extension application with Stripe payment API.

#### Key achievements:

- Coupon code generation and management for every user in different databases.
- Implementation of landing pages.
- Support dashboard improvement

### FULL STACK DEVELOPER AT ANGELRISK LTD.

/ 2020 - 2021, London, UK

Angel Risk provides a secure space to manage your angel investment records.

#### Used technologies:

Python Django, React Native, Postgres DB, GraphQL API, Javascript, CSS, AWS, GitLab, Git, Jira

#### Responsibilities:

- Implement backend application python Django GraphQL API
- Create a react native application with login and document management functionality.
- Implement a landing page for advertisement.
- Deploy the release versions and create a CI/CD pipeline in GitLab

#### Key achievements:

- Created and deployed a react native IOS application in the apple store.
- Created backend API with CI/CD

I am a developer passionate working with new technologies. I feel happy when I create working code which helps people in their daily jobs



### CURRENT STATUS

Not Immediately available  
Employed by PLAYBRUSH LTD.


### WORK AUTHORIZATION

-  UK
-  EU

### EDUCATION

 MS. Computer Engineer Specialized in Electronic Business / 2009 – 2011



Pázmány Péter Catholic University  
Master's degree obtained on a post-graduate specialist training programme

 Master of Sciences in Electronic and Computer Engineering / 2004 – 2009

Pázmány Péter Catholic University  
Faculty of Information Technology



### LANGUAGE SKILLS

English   
Hungarian 

## SENIOR SOFTWARE ENGINEER AT TAO LEADERSHIP LTD.

/ 2020 - 2021, London, UK

Tao Leadership does People Transformation with multi-award-winning People Analytics and Behaviour Change (People ABC) programmes use network science, behavioural analytics, and psychology to transform behaviours, culture, and commercial success.

### Used technologies:

Python Django, Angular, React, React Native, Postgres DB, REST API, Javascript, CSS, AWS, GitLab, Git, Jira

### Responsibilities:

- Implement new features with accompanying test cases in Python 3.7 based on business requirements to improve the web application's capabilities and enrich the user experience
- Implement and design new components on the frontend.
- Deploy the release versions and manage the CI/CD pipeline in GitLab

### Key achievements:

- With small changes I improved design layout
- Prototype React native mobile app development

## FULL STACK DEVELOPER AT GLOBECHAIN LTD.

/ 2018 – 2020, London, UK

Globechain connects companies with charities and individuals to redistribute unwanted items

### Used technologies:

Python Django, React, GraphQL (Graphene), Postgres DB, PHP, MySQL, Javascript, HTML5, CSS, Google Cloud, GitLab, Git, Jira

### Responsibilities:

- Implemented new features with accompanying test cases in Python 3.7 based on business requirements to improve the web application's capabilities and enrich the user experience
- Deployed the release versions and managed the CI/CD pipeline in GitLab
- Monitored the website status and in case of downtime fix it as soon as possible

### Key achievements:

- Achieved smaller latency, less downtime, and more advanced monitoring by migrating the on-premise system to Google Cloud
- By implementing a new email templating system in Python and Django, and introducing AWS SES mass email sending service, the daily email sending capacity was increased from 500 emails to 5000 emails to support company growth
- To enable primary and third-party authentication, developed a custom module in Django to support password management in MD5, SHA256, and Firebase authentication
- To support the company's internationalisation objectives, created Arabic translation support of the web application (including changing character encoding from ASCII to UTF8, configuring right-to-left text rendering, and changing the menu layout)

## SOFTWARE DEVELOPER AT BCS CONSULTING LTD.

/ 2016 – 2018 Budapest, Hungary

BCS provides SAP consulting services for large companies as Gold partner of SAP Hungary

### Used technologies:

PHP, Javascript, HTML5, CSS, Webservices, SQL Server, Git, various SAP technologies

### Responsibilities:

- Understood client needs and proposed value-added solutions
- Managed, provided mentorship and training, and delegated tasks for 3 interns
- Designed and implemented database schemes and user interfaces
- Configured and tested network connections to setup remote function calls and webservices

### Key achievements:

- Implemented a PDF encryption application in C# and Bash to provide PDF file encryption feature on payslip documents, which now handles more than 5,000 monthly payslip document encryptions at 4 different companies
- Designed and implemented a benefit package handling web application, used by every employee of a middle-sized company, using JavaScript, Ajax, PHP, and SQL Server
- Implemented an online invoicing interface in SAP, used by 40 companies, including banks, to provide invoice information to the Hungarian Tax Authority in a large scale, including authentication, authorisation and encrypted message exchanges

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Full Stack Software  
Developer

📍 London

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## CEO, FOUNDER, FULL STACK DEVELOPER AT VILLÁMKÓD LTD.

/ 2011 – 2018 Budapest, Hungary

Me and my brother founded Villámkód Ltd to develop a sales force automatization and workflow management software for FMCG companies

### Used technologies:

HTML5, CSS, Javascript, Bootstrap, PHP, MYSQL, C#, JAVA, Android, Microsoft Word and Excel VBS macros, Windows Server management

### Responsibilities:

- Identified development opportunities based on the FMCG retail models and workflows
- Built an innovative solution to support regional representatives
- Communicated with the end users and clients to support their daily work
- Hosted the application on owned server and configured the network settings, databases, webservers, domains, and email accounts
- Developed reports, calculated KPIs and analytics, to support executive decision making
- Implemented many interfaces with other systems to keep data synchronised

### Key achievements:

- Built a full E2E software solution (DB, Backend, Frontend and Mobile application) from scratch for sales automation for FMCG companies
- Worked with 8 companies and had more than 100 users daily

## WEB DEVELOPER AT SPEEDCODE LTD.

/ 2010 – 2016 Budapest, Hungary

Speedcode develops live video streaming, encoding, transcoding, decoding, and recording solutions for large companies in Germany

### Used technologies:

HTML5, CSS, Javascript, bash scripting, Apache, C#, ASP, .Net, H264, MPEG2, Webservices, SVN

### Responsibilities:

- Learned to work with different code bases
- Created reliable, maintainable, reusable, and well-tested code
- Implemented APIs to enable remote management of the applications
- Maintained the company computer network system, set up routers and switches
- Developed websites for special hardware devices to configure and manage video encoding and decoding devices

### Key achievements:

- Solved the non-trivial technical challenge of synchronising 16 screens in one big video wall grid, and enabled seamless video positioning and controlling in the video management application
- These products are used on the International Space Station, to encode videos and stream them to the Earth. So, my code is running in space, too

## SELF-STUDY AND HOBBY PROJECTS

- Actively studying React, Python, AWS and Google Cloud in Pluralsight and LinkedIn learning
- Regularly attending conferences and meetups. (Next Google, GDG London, React Advanced London, GraphQL London, React Native London)
- Giving massage treatments as a clinical massage therapist. It is a good physical activity after coding.