

# József Gábor Bóné

Web application and  
database developer

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**József Gábor Bóné**  
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## Skills

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Programming	Frameworks	Database Engines
Python	Django, DRF, Flask	MySQL
Javascript	React	PostgreSQL

Other skills: Apache Solr, Ant Design Framework, Celery, REST API, XML processing, Adobe Photoshop

Special skills: Archival & Library standards (ISAD(G), MARC, MODS, EAD), Blacklight Search & Discovery Interface, KOHA Integrated Library System, Fedora Commons Repository System, DSpace Digital Repository System

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## Experience

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### Vera and Donald Blinken Open Society Archives

Head of IT Office,  
September 2019 - PRESENT, Budapest, Hungary

Database Developer, Web Application Developer  
December 2009 - 2019, Budapest, Hungary

*OSA Archival Management System v2*  
Design and implement a complete archival processing framework.  
(DRF / Python, MySQL, React / ES6, Apache Solr, Celery)

*Yugoslavia Archive Project*  
Design and implement a curated collection catalog and search interface.  
(DRF / Python, MySQL, React / ES6)  
<https://yap.osaarchivum.org>

*OSA Archivum Catalog*  
Design and development of the aggregated archival catalog.  
(Python, Ruby on Rails (Blacklight), JQuery, Javascript, Apache Solr)  
<https://catalog.osaarchivum.org>

### *Refugee DocsMap*

Design and development of a catalog of documentary films.  
(DRF / Python, MySQL, React / ES6)  
<https://refugeedocsmap.osaarchivum.org>

### *Digital Preservation Workflow development*

Design and development of a digital preservation workflow of audio-visual materials..  
(Airflow / Python)

## **Central European University**

### **Helpdesk Operator**

January 2006 - December 2009, Budapest, Hungary

Supporting staff and faculty members of the university.

## **As a Freelancer**

### **Central European University**

#### **ZARAH Project - Application and Database Developer**

October 2020 -

Designing and implementing the database, REST API endpoints, administrative interface and the public frontend for the ZARAH Project, which collects and describes documents relating to women's labor activism.

(DRF / Python, MySQL, React / ES6, Apache Solr, Apache Tika, Celery)  
<https://zarahdb.eu>

### **European Quality Assurance Register for Higher Education**

#### **DEQAR Project - Application and Database Developer**

November 2019 -

Designing and implementing the backend API service and search infrastructure, data submission endpoints (API, form, CSV upload), business logic of the Quality Assurance database. Implementing an administration UI for the data management.

(DRF / Python, PostgreSQL, React / ES6, Apache Solr, Celery)  
<https://www.deqar.eu>

### **Chechen Archive at Society of Threatened Peoples**

#### **Web application development (Freelance)**

May 2015 - December 2015

Complete design and implementation of a database driven web application, which contains human rights records of witness testimonial video recordings.

(Django / Python, MySQL, Elasticsearch)

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## Profile

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A proactive, qualified developer with excellent problem solving and analytic skills and wide knowledge of archival and library standards. Experienced in working in an international academic environment focused on self-education, learning new technologies and researching trends in the IT sector. A challenge seeker who likes to face complex tasks. Works alone effectively, but enjoys being part of an energetic and creative team, where people can share professional knowledge and create unique IT solutions.

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## Education

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### István Széchenyi Egyetem / IT Professional (BSc)

September 1998 - May 2006, Győr, Hungary

Procedural- and object-oriented programming. (Pascal, C, Java)

Database design- and management (Microsoft SQL Server, T-SQL)

CAD systems and CAD programming (AutoCAD, 3D Studio, LISP)

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## Other qualifications

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- Certified MySQL Associate
  - ITIL v2
  - Certified Novell Administrator