Vasile Popa

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EXPERIENCE

OSINT for Ukraine, Remote | osintforukraine.com

Co-founder/Head of Research and Development, November 2022 to present day

- Managing the Project Mariupol developemtn
- Managing and mapping databases and data sources
- Conducting OSINT investigations on war crimes committed by Russia in Ukraine during the large-scale invasion.
  Deported Ukrainian children, Russian Red Cross, Russian House in Berlin
- Primary development languages: Python, Go

OCCRP, Remote | occrp.org

Investigative Data Engineer (contract), remote, June 2022 to November 2022

- Developed scrapers and data analytics using tools such as aleph, followthemoney and memorious
- Managed and mapped databases and data sources
- Primary development languages: Python

Perseus Tech. Gmbh, Berlin | perseus.de

Software Engineer, January 2019 to June 2022

- Took part in planning and developing various projects, such as:
  - A "phishing" software that trains our customers to pay more attention to phishing emails.
  - A cyber-security course website, with videos and exercises
  - A software that aggregates leaked database scraped from darknet or websites
- Technologies that I was using include Flask, PostgreSQL, MongoDB, Pandas, Kubernetes, GitLab CI and others.
- Primary development languages: Python, Scala

HERE Technologies Ltd., Berlin | here.com

Python Developer in DevOps Department, January 2019 to May 2020

- Developed the Continuous Integration & Deployment for company's software
- Technologies that I was using include Docker, Kubernetes, GitLab CI, Jenkins, Maven, etc.
- Primary development languages: Python, Java

Forthscale Limited, Berlin/Tel-Aviv | https://www.forthscale.com/

Software Developer, October 2016 to January 2019

- Developed back-end systems for cleaning and analyzing server metrics
- Created a Telegram bot for efficient human resource management
  inside the company and improving communication with the clients

- Created a Django-based back-end for managing documents, contracts, metrics and huge amounts of data

- Technologies that I was using include Django, Python, Go,
   REST API, PostgreSQL, Crate.io

OCCRP, Sarajevo | https://www.occrp.org/

Software Developer Intern, August to October 2017

- My tasks included: Software development (Python, Javascript, Bash and more) ,
  data management (scraping, data mapping and cleaning).
- I developed and improved scrapers which gather data for **OCCRP Aleph**
- Helped to develop and improve memorious

PROJECTS

Chatbot Network | https://github.com/popovvasile/Crowdbot
Back-end Developer/Co-founder, August 2018 to present day

A chatbot builder for Telegram designed for small businesses, content creators and non-profits.
1500 people are actively using this.
Built with Python, Node, MongoDB

MentroMe, Moldova **|** https://mentorme.md/
Back-end Developer/Co-founder, November 2017 to present day
- Together with my team created a web platform for mentoring students
   that are going to study abroad.
- Developing and extensive back-end using Django REST framework

SEEDIG Eastearn Europe | https://seedig.net/
SEEDIG community member and editor at SEEsummary, a monthly overview
of Internet governance and digital policy developments and activities in
Eastern Europe

SKILLS

OSINT, Back-end Development, **Web Scraping**, **REST API Development**, **Data Analysis, Penetration Testing, Project Management**

Tools: Python, REST, SQL-databases, NoSQL, Anaconda, numpy, Scrapy, Falcon API, Crate.io. Kafka/RabbitMQ, Docker, Git, IDLE, etc.

Spoken Languages: German: Fluent, English: Fluent, Russian: Native, Romanian: Native, Ukrainian: Native

EDUCATION

Freie Universität Berlin | Enrolled in October 2016, Graduated in April 2022
- B.Sc. in Informatics (Major) and Mathematics (Minor)