

Tim Babych

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Backend engineer with an eye for both clean code and a good user experience.

EXPERIENCE

Senior Software Engineer, People.ai (San Francisco, CA)

Feb 2018 – Oct 2019

As a member of the platform team, I was responsible for data intake from an external CRM (Salesforce), data processing, and user authentication. Individually, I reworked customer onboarding and the user-management experience. I added multicurrency support. I improved the Salesforce integration UX by adding permission management, logs, and connection details. I implemented a CRM health scan, calculating scores for data completeness.

Tech: Python, Asyncio, PostgreSQL, Elasticsearch, RabbitMQ, Kubernetes, Scala, Spark, MongoDB, Redis, Riak, AWS

Senior Software Engineer, Sphere Software (Kyiv / NYC)

April 2016 – Feb 2018

I created the backed for a Uber-style booking system for gas trucks, and I coordinated the web and mobile UI development efforts. I created a system for managing git repositories, with tracked changes and updates pulled from a master server. I developed a conference booking system to track venues, speakers, attendees, and expenses.

Tech: Python, PostgreSQL, MySQL, Docker, Ruby, AWS

Software Engineer, DataRobot (Kyiv, Ukraine / Boston, MA)

March 2015 – Oct 2015

I implemented the UI and an internal Python service for importing data from external databases. I improved the platform's external Python APIs.

Tech: Python, Asyncio, PostgreSQL, Docker, Angular.js

Senior Software Engineer, EdX (Kyiv, Ukraine)

June 2014 – Feb 2015

I designed the architecture and implemented the microservice for storing annotations for online educational courses. I coordinated the efforts of frontend engineers.

Tech: Python, Django, MySQL, MongoDB, Elasticsearch

Software Engineer, GoodBed

May 2009 – May 2014

I designed and developed a website for price comparisons and for reviewing mattresses and stores. Then I led a distributed team of developers to support it.

Tech: Python, Django, PostgreSQL, PostGIS, Angular.js, AWS

Student, Google Summer of Code

Summer 2011

I enhanced the Transifex online localization platform to support Mozilla file formats.

Tech: Python, Django, PostgreSQL, i10n, l10n.

EDUCATION

Master's degree in computer science, Kyiv Polytechnic Institute, 2012.

RECOMMENDATIONS AND TALKS

Recommendations are available on [LinkedIn](#).

List of talks is available on [GitHub](#).