Preply

PyBCN 2021:
Build a chat application that lets you speak multiple languages

November 27th

Agenda

1	9:30	**Introduction**
2	9:45	**Project Overview and Demo**
3	10:00	**Hacker time**
4	10:45	**Q&A**

What we do at Preply

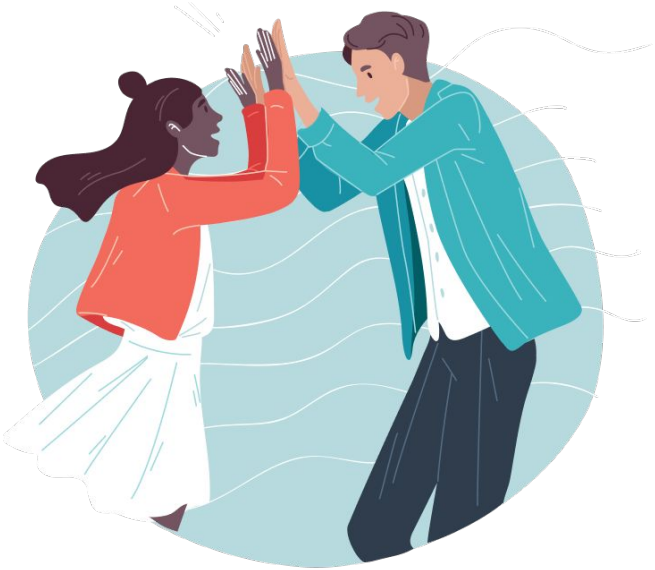
- Online learning platform, connecting a global network of 175,000 learners from 160 nationalities with 40,000 verified tutors.

- We are unique in the way we pair learners with tutors, using machine learning algorithms based on parameters like price, availability, languages spoken and more.

- Mission: shape the future of effective learning!

Who we are

- We are 405 preplers:
  - Based in: Barcelona, Kyiv, SF.
  - 46% female.
  - +50 nationalities.
  - Engineering chapter is the biggest.



- More info in www.preply.com
- Follow us on LinkedIn to stay in touch!
- Check out We Are Preply blog to see what it looks like to work at Preply :)

About us

Isaac Bernat
Backend Engineer
/isaacbernat

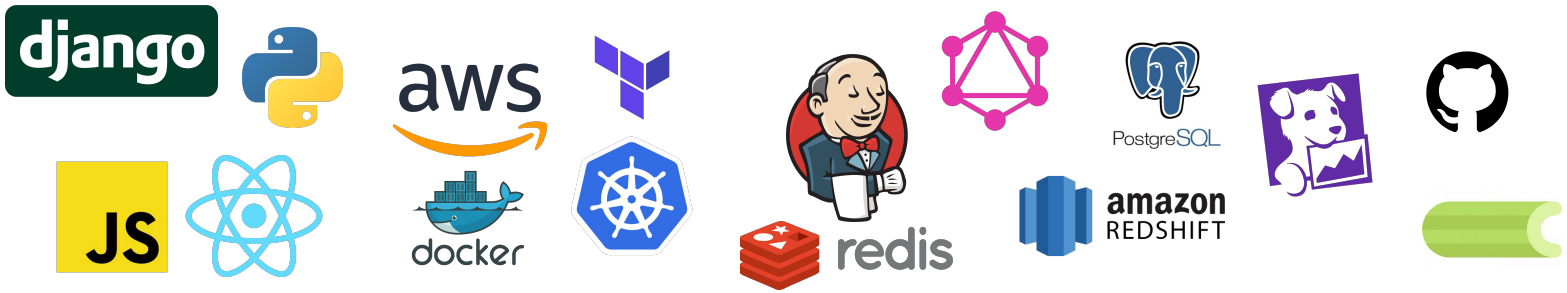
Yuri Boiko
Backend Engineer
/yuri-boiko

Daniel Guerra
Frontend Engineer
/daniel-guerra-guerrero-a64180a9

Diego Gonzalez
Tech Lead
/diegoglez

What we use

- Tech stack:



- Preply Engineering Blog https://medium.com/preply-engineering
- Tech Radar https://tech-radar.preply.com/

Ready for a new challenge?

Check our open positions here 👉 https://bit.ly/2ZukeL7

Build a chat application that lets you speak multiple languages

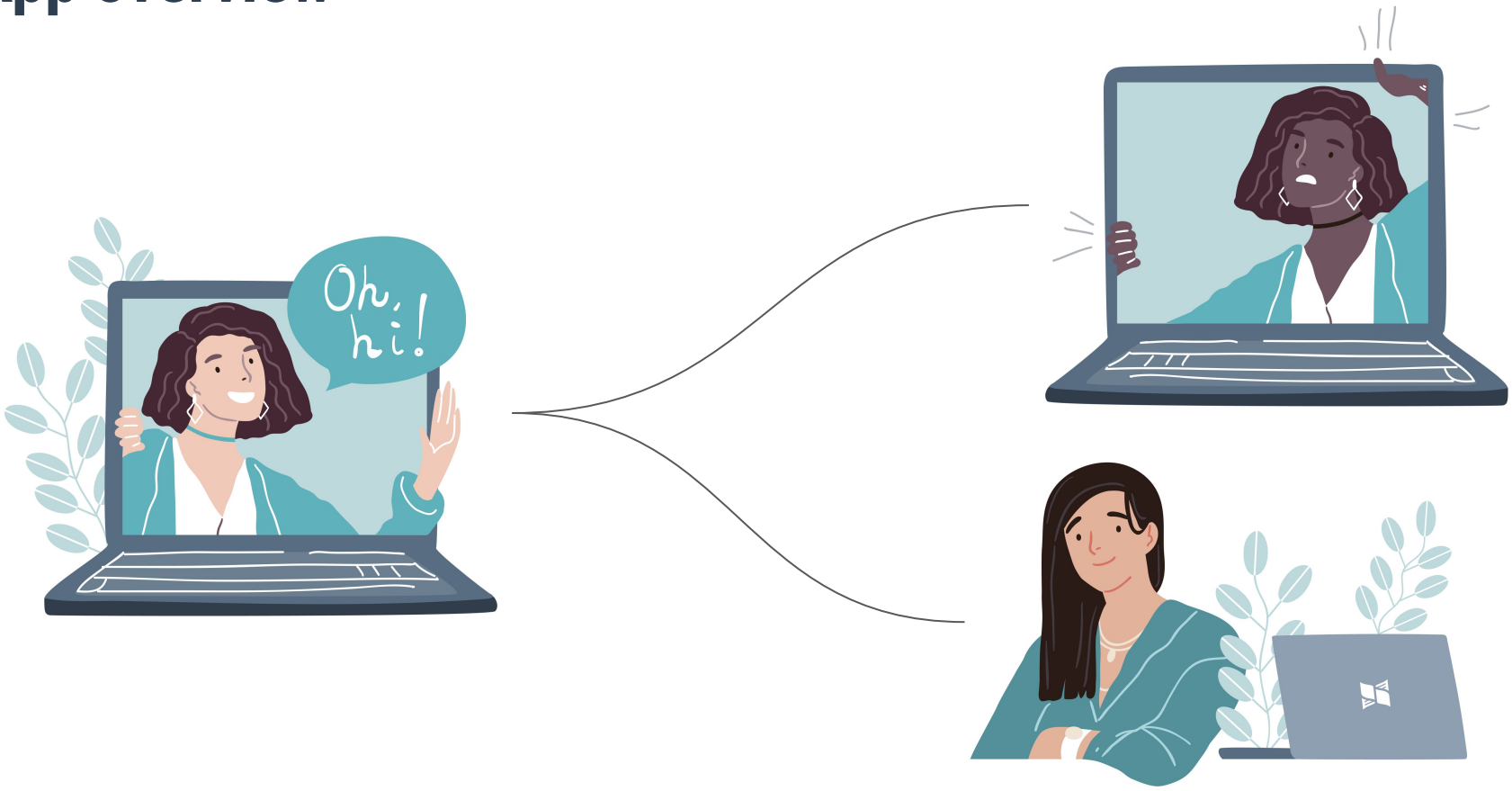
Repository

https://github.com/preply/pybcn_2021_chat

Clone it

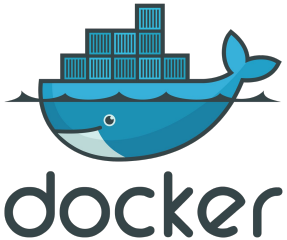
make run

App overview



Tech Stack

FastAPI


docker

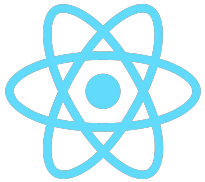
PostgreSQL

SQLAlchemy

Pydantic

{···}
swagger

JS



Demo

HACKER
HAMMER
TIME!

Some ideas

- Bugfixes
- Tests
- Scalability
- Other translation APIs
- Text to speech (or vice versa)
- Bots
- NLP, Sentiment Analysis, etc
- Leetspeak
- ?

Prize

Three lessons on Preply with the tutor you choose!

Questions?

Thanks!

We have more cats (and dogs!) where these came from, if you I'd like to join us