

Contracting: Sharpening The Edge To Deliver

Contracting

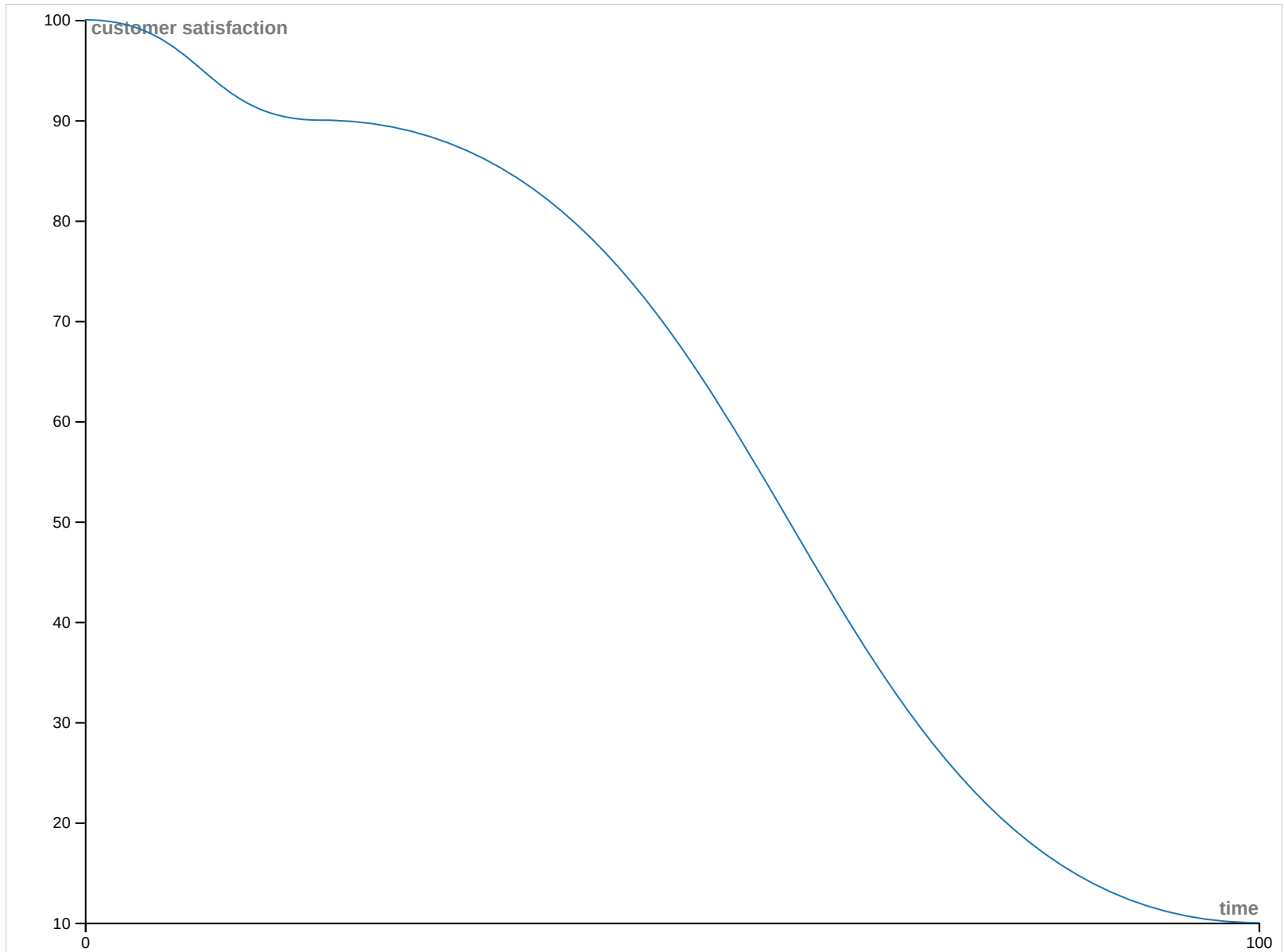
 Request

 Deliver



Need for speed

Customer satisfaction

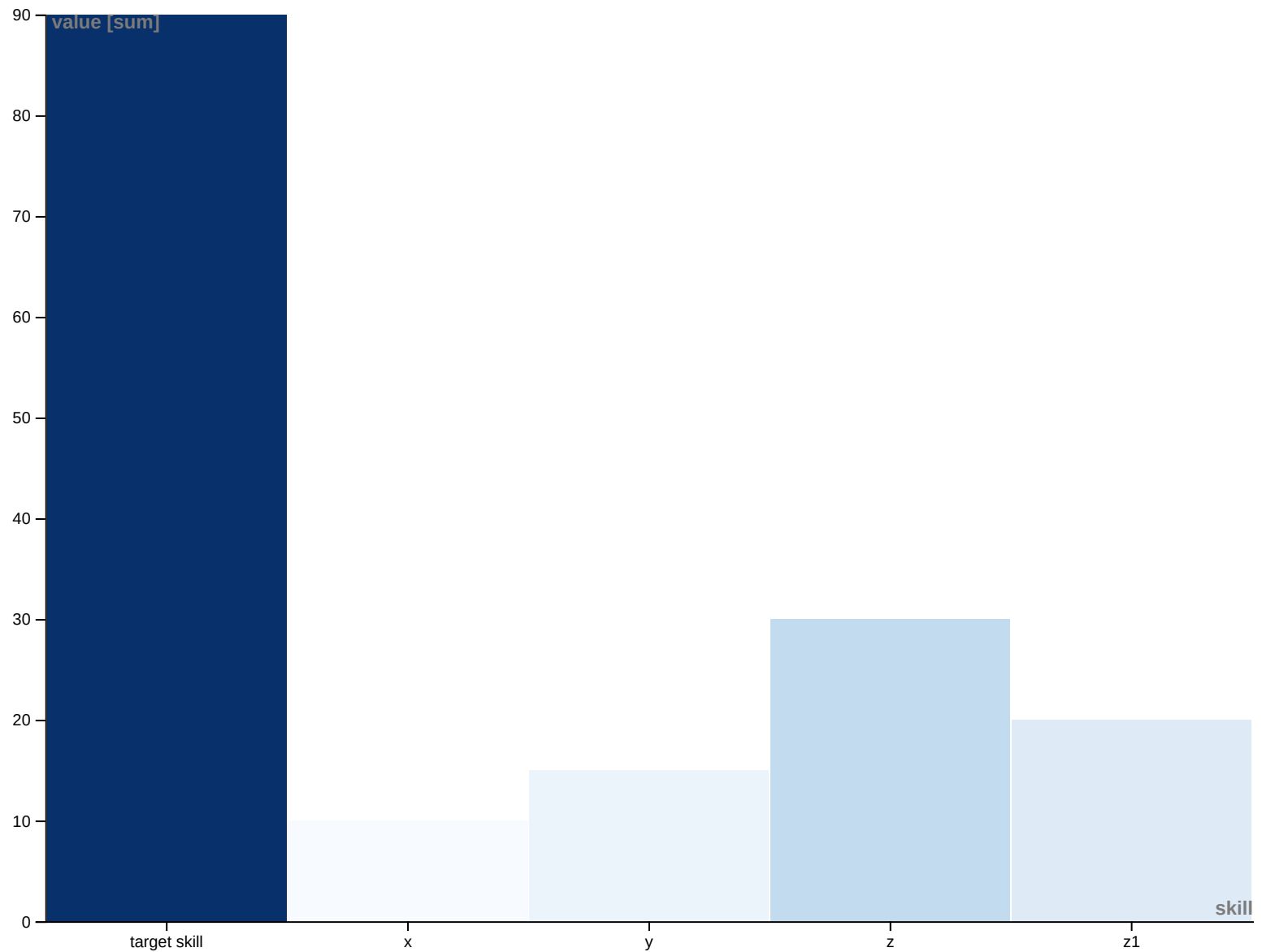




The 'Très experT'

T-shape engineer

Skill levels



Q: Get the job done or have a dream team?

Q: Follow set patterns or adapt as needed?

Q: Sacrifice the aim for harmony with the industry?

Factors of delay

Considering team members constant and having required basic skills and the specs don't move.

- Learning
- Revisit assumptions (Tech mismatch etc)
- Solve challenges



Tech mismatch



It's beautiful at first sight



As time passes, reality reveals itself

A tech stack/lib/framework solves usecases for 80% of users.

Not many people encounter edge issues

Experts know workarounds

Q: Does the perfect framework/tech stack exist?

Not wasting time enables to ...

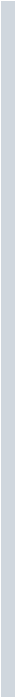
... deliver quickly

 **People LOOK FOR Experts**

And pay them too

Contracting: The need to deliver the acceptable best as fast as we can

Edge DB [1]



In the post-mortem of this experience, we started looking critically at the stack of tools we'd been incubating over the past 7 years. In many ways, the state of tooling, especially in the JavaScript ecosystem, had caught up. Our component-based UI kit was made obsolete by React. Newcomer GraphQL covered many of the same bases as our RPC library. Our bundler was matched and exceeded by Webpack.

But we saw no similar innovation in the database layer. In fact, it seemed to regress; we watched in dismay as schemaless NoSQL data stores exploded in popularity. It felt like the software world—after years of struggling against SQL and relational data models—was collectively throwing in the towel.

Walking back from the office on a brisk Toronto evening, Elvis and I suddenly realized Caos could represent a new way forward. But first it had to stop being an ORM and become a database.

My Own Case

Many languages



Python (many areas and fields and framework)



Flask



Beyond Flask

- A new framework as based on time passed with Flask
- First conference as speaker: EuroPython
- FlaskCon
- Etc

References

[1] <https://www.edgedb.com/blog/building-a-production-database-in-ten-years-or-less>