



LoadFighters

BIGDATA
SOFTWARE
DEVELOPMENT
COMPANY

LOADFIGHTERS: WHO WE ARE?

LOADFIGHTERS is a full-cycle software development company that helps enterprises tackle major business challenges with big data engineering

100

software engineers

50

data experts

87/100

net promoter score

15

years on the market



WE HAIL FROM ADMIXER ADEXCHANGE

A powerhouse that processes
50 billion requests daily

Admixer is a global AdTech
vendor providing state-of-the-
art solutions to top tier
advertisers worldwide

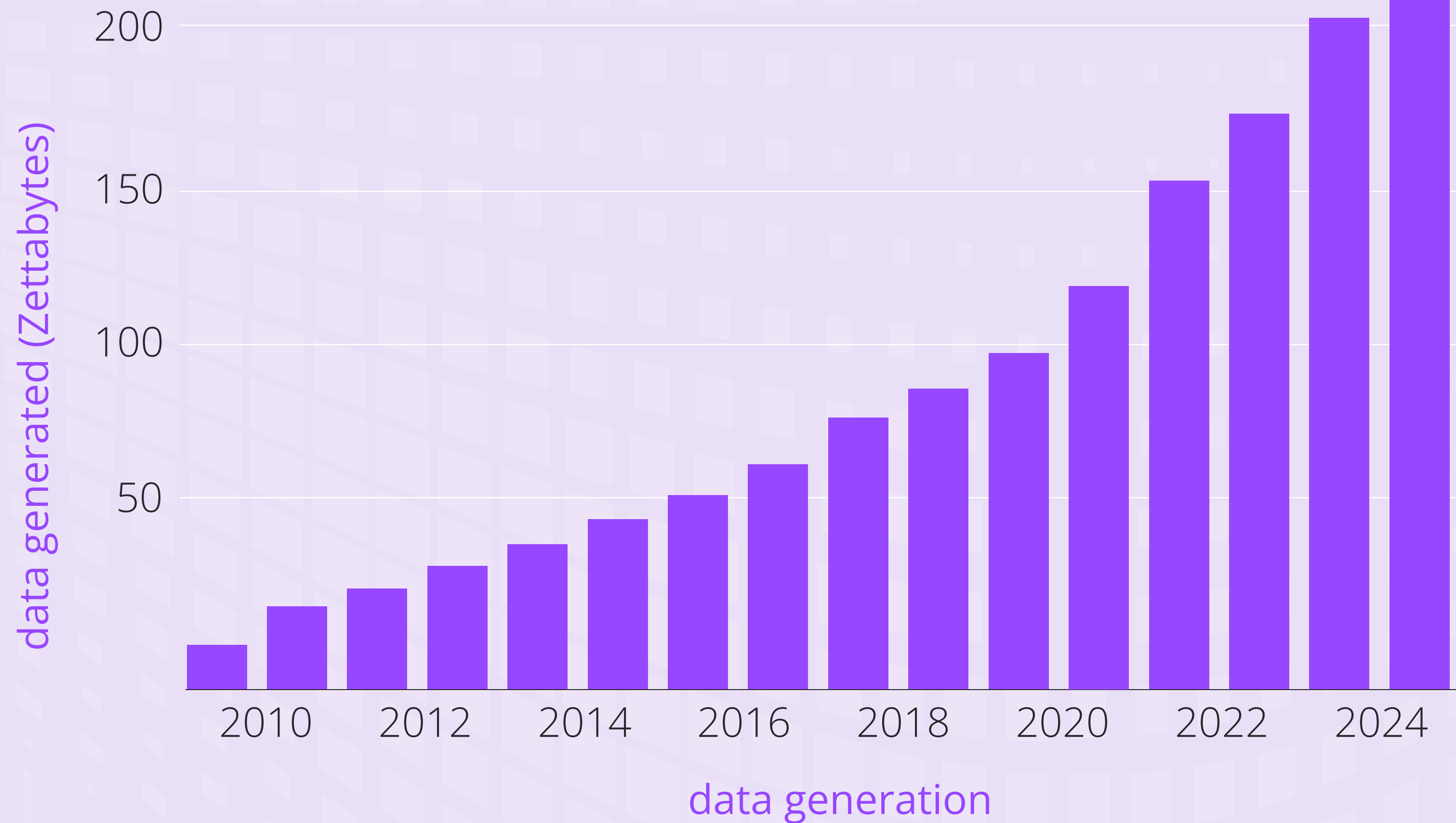
Since 2008 we've been tackling
big data challenges, both for
our internal needs and for our
clients



CHALLENGE

IN 2023 EVERY BUSINESS UNDERSTANDS

that no major decision can
be made without analyzing
hundreds of datasources in
order to grasp patterns,
trends and predicting roi



HOWEVER, THE
AMOUNT OF DATA IS
GROWING AT AN
INSANE PACE

OVER THE RECENT YEARS

enterprise companies have shifted from facing big data challenges to grappling with huge data issues

HIGH-LOAD PER INSTANCE

DATASET SIZE

NETWORK THROUGHPUT

DATA CENTERS

BIG DATA

10 000 rps

10 TB

10 Gb

single

HUGE DATA

20 000 000 rps

30 PB

400 Gb

multiply





EXPERTISE

CLIENTS SEEK US OUT
WHEN CONVENTIONAL
APPROACHES TO BIG
DATA SIMPLY AREN'T
ENOUGH

OUR CORE EXPERTISE — CREATING REAL-TIME DATA SOLUTION ON LOW- PRICE INFRASTRUCTURE BASIS

MASSIVE BIG DATA

200+

terabytes of structured
data

LOW-PRICE
INFRASTRUCTURE

10x

cheaper than on the
market

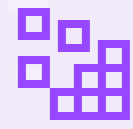
REAL-TIME ANALYTICS

24/7

analytics
is available



SERVICES



development of big data platform
from scratch including real-time
analytics systems development



data visualisation and
automated reporting



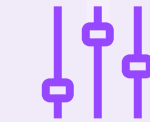
development of cloud / on-premises
/ hybrid solutions



big data architecture
consulting



data integration



saas product
implementation



analysis and engineering
high-load infrastructure

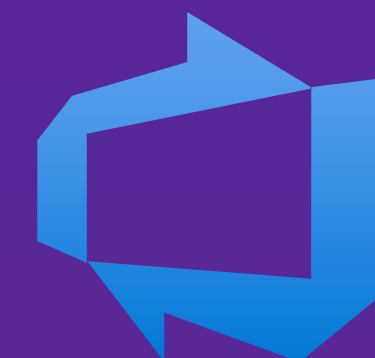
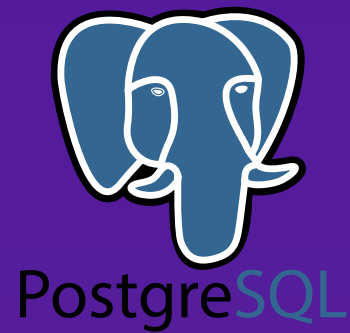


collecting data from different sources
including sensors and iot devices



official Azure reseller: Azure
migration program





YOU CAN ACCESS INSIGHTS
NOT JUST WHEN THE DATA
IS READY, BUT EXACTLY
WHEN YOU NEED THEM

TOP TECH CHALLENGES FOR GROWING BUSINESSES

#1 VOLUME

data explosion: managing and processing vast amounts of data generated at high velocities is a significant challenge

storage: storing massive datasets efficiently and cost-effectively is a constant concern

#2 VELOCITY

real-time processing: handling and analyzing data in real-time as it's generated can be challenging

data ingestion: efficiently ingesting data from various sources at high speeds requires specialized tools

#3 VARIETY

data heterogeneity: big data often comes in various formats, such as structured, semi-structured, and unstructured data

schema evolution: dealing with changes in data formats and schemas over time is a common challenge top tech challenges



TOP TECH CHALLENGES FOR GROWING BUSINESSES

#4 VALUE

data integration: integrating data from different sources to derive meaningful insights requires careful planning and execution

data transformation: converting raw data into actionable insights often involves complex transformations

#5 QUALITY

data quality: ensuring the quality and accuracy of data is challenging, especially when dealing with diverse and constantly evolving datasets

data governance: implementing effective data governance practices to maintain data integrity and compliance is crucial

#6 SCALABILITY

infrastructure scaling: adapting the infrastructure to handle increasing data volumes and processing requirements is essential

distributed computing: implementing and managing distributed computing systems to scale horizontally is a complex task



TOP TECH CHALLENGES FOR GROWING BUSINESSES

#7 SECURITY

data privacy: protecting sensitive information and ensuring compliance with data privacy regulations is a critical concern

access control: managing access to big data repositories and ensuring only authorized users can view or modify data is a challenge

#8 COMPLEXITY

tool complexity: big data ecosystems often involve numerous tools and technologies, making development and maintenance complex

skill requirements: finding skilled professionals who can work with big data technologies can be challenging

#9 COST

infrastructure costs: deploying and maintaining large-scale data processing infrastructure can be expensive

optimization: optimizing resource usage to reduce costs while maintaining performance is an ongoing challenge





HOW WE DELIVER PROJECTS: DISCOVERY PHASE

WHAT DO WE INITIALLY EXPLORE ON THE CLIENT SIDE?

- ◆ analyze business goals and needs
- ◆ gather project requirements, outline roadmap
- ◆ investigate existing software architecture



WHAT WILL THE CLIENT GET AS A RESULT?

- ◆ software architecture (hlds)
- ◆ preliminary project plan
- ◆ proof of concept
- ◆ estimation of cost and time development
- ◆ technology stack
- ◆ engagement model proposal
- ◆ team composition

WHY ARE WE DOING THIS?

Here's why:



formalize information about functional and non-functional requirements that impact scalability, maintainability, and performance of the software architecture



understand potential constraints in the software architecture



define a big data strategy and create an implementation plan



establish a clear and efficient technical vision



dive deeper into the business vision



conduct a comprehensive effort assessment



develop and refine business flows





HOW WE DELIVER PROJECTS: IMPLEMENTATION AND RELEASE

THE PROJECT DEVELOPMENT PHASE:

- ◆ tech team arrangement according to approved project development plan
- ◆ project development process based on proper engagement model. we will provide you with a flexible, transparent and easy-to- communicate workflow
- ◆ utilization of top technologies and the best industries practices (code review, ci/cd, code documentation) to makes product (scalability, maintainability, quality)
- ◆ high-standard testing throughout the whole project development
- ◆ we carry out (type of testing) to achieve the most comprehensive software quality
- ◆ testing standards



RELEASE STAGE



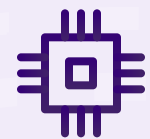
release testing: performance, accessibility, scalability, security



deployment



documentation preparation



final adjustments to the sla



source code transferring



MAINTENANCE



monitoring and incident solving



identification of faults and solution adjustment



system extension



consultation

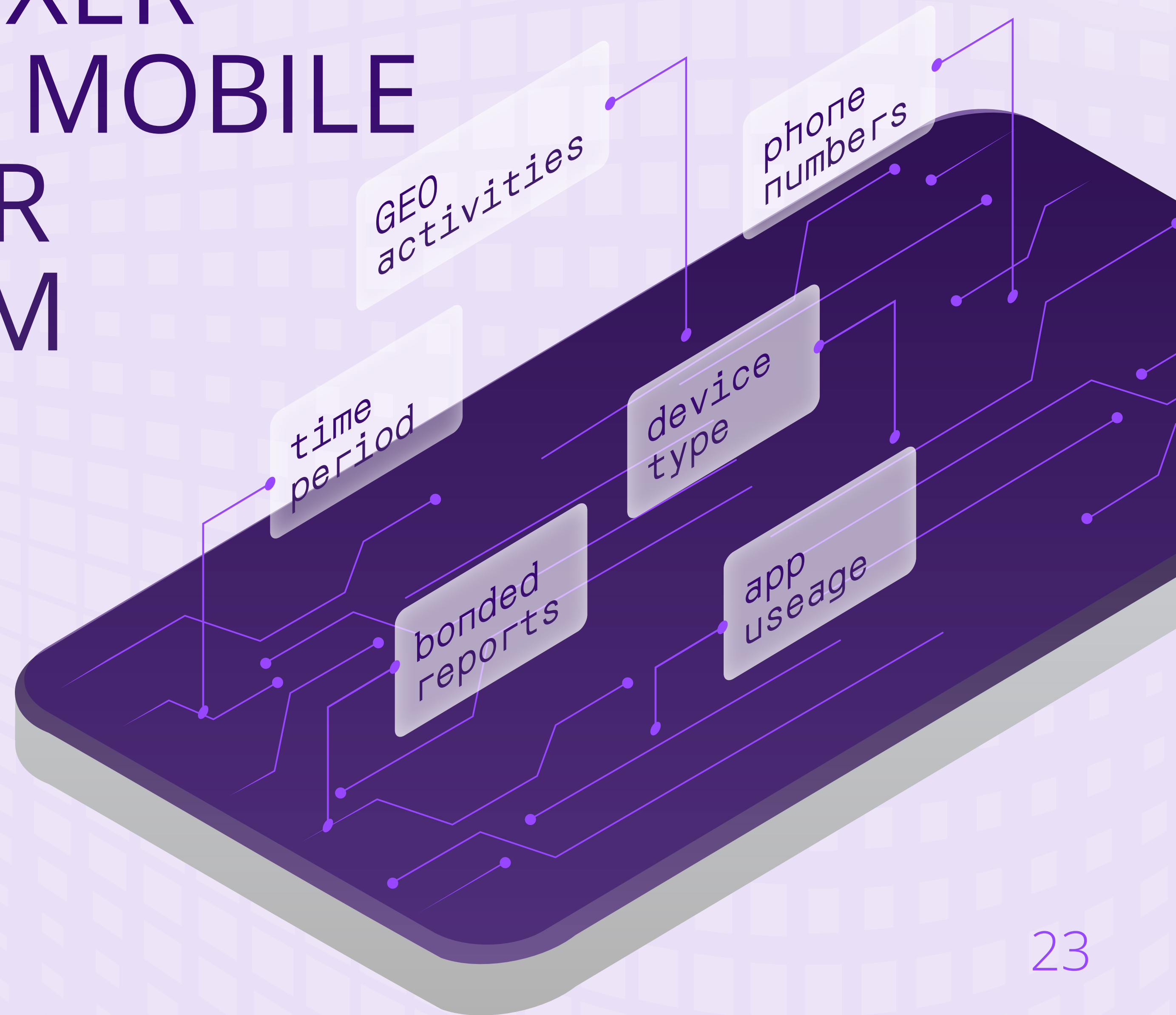


CASES

LEARN HOW ADMIXER HELPED AN ASIAN MOBILE NETWORK CARRIER DEVELOP A SYSTEM

to collect, store and analyze data from millions of customers and billions of events to achieve real-time analytics effectiveness

[EXPLORE THE CASE →](#)



LEARN HOW ADMIXER DEVELOPMENT TEAM HELPS ADVERTISERS

and publishers to overcome technical difficulties in development of their in-house solutions. the most common problem for media companies is handling large amounts of data.

Buildingg the right solution in this area can save a lot of money and resources and significantly increase operational efficiency.

[EXPLORE THE CASE →](#)



REDUCED

3x - 12x

request execution time

10x

data storage amount

1.5x

data handling job time

LEARN HOW OVER THE
PAST FIVE YEARS, THE
ADMIXER'S CORE TEAM
HAS BEEN WORKING
WITH A HIGH-LOAD
AND AGGREGATION OF
BIG DATA

[EXPLORE THE CASE →](#)





TEAM

WE ARE A COHESIVE TEAM
WITH ELEVEN YEARS OF
EXPERIENCE IN DEVELOPING
BIG DATA SOLUTIONS

MEET OUR TEAM

CTO

ARCHITECTS

INFRASTRUCTURE & BIG
DATA SOLUTIONS

DEVELOPERS

BACKEND, FRONTEND &
MOBILE

MANAGERS

PROJECT & PRODUCT

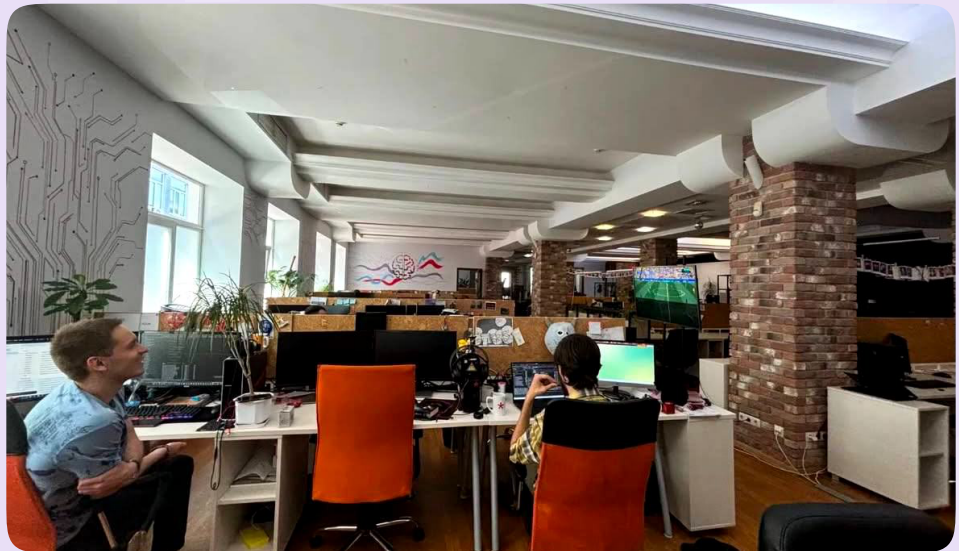
DEVOPS

UX/UI DESIGNERS

BUSINESS ANALYSTS

QA ENGINEERS







WAYS WE CAN WORK TOGETHER

FIXED PRICE

DEDICATED TEAM

CONTRACT OBJECT

product

team

RISKS RESPONSIBILITY

vendor

vendor + customer

SCOPE

fixed

scalable

BUDGET

fixed product budget

fixed monthly budget

TIME

agreed & fixed

agreed & flexible

CLIENT'S IMPROVEMENT

minimized

significant

CHANGES

controlled & limited

welcome



WE TAKE PRIDE IN OUR NUMBERS

peak load up to

80 000 000

requests per second

databases

3 000 000 000 000

records in databases

dataset

200 PB

always-available data, in real-time

data slices

40+

data slices and the same number of metrics in one table

WORLDWIDE PARTNERSHIP WITH DATA CENTERS WITH DEDICATED SERVERS

allows to save up to 20 times compared to clouds



CONNECT WITH OUR TEAM

Let's connect and explore how LoadFighters can empower your business with big data solutions!



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VP OF ENGINEERING

in

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