

# Technology stack

## dt's digital toolkit

**Tools & technologies that empower  
our clients' business ideas**

We always hand-pick a tech stack according to business needs, goals, and existing processes.

We believe that the most value is brought by modern yet reliable tools, automation of development processes, and high user experience standards.



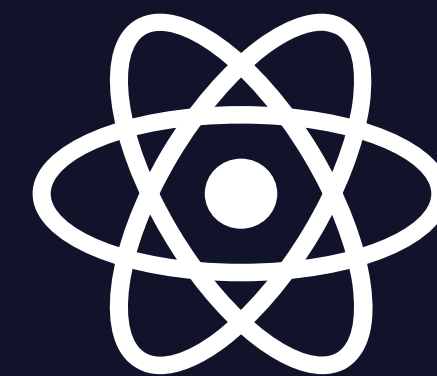
## Front end: web stack

We use the next technologies for most of our front-end challenges:

**Javascript + Typescript** — this language is a web industry standard due to its scalability and massive support.

**React** — the most commonly used framework for building interfaces. Supported by Facebook, it is reliable, scalable, and constantly evolving.

We also have experience working with the following frameworks and libraries: Ant.design, Bootstrap, Tailwind, GSAP, D3.js, Moment.js, Vite, and a variety of payment integrations.



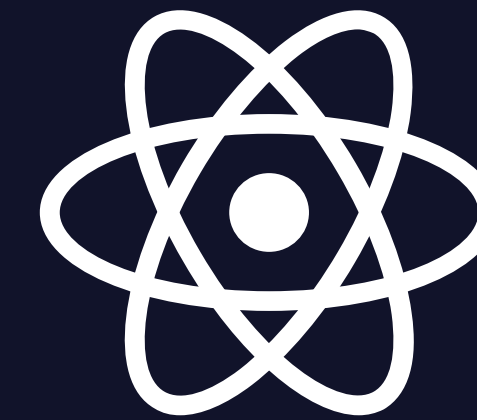
## Front end: mobile stack

We build cross-platform mobile applications for iOS and Android platforms via the next toolset:

**React Native** — a modern cross-platform framework that allows us to create and deliver blazingly fast applications for most mobile devices.

It saves up to 40% of the development budget, and it cuts up to 30% of debugging and support costs.

We have experience working with various libraries, including Ant Design Mobile, Lottie, Maps, Camera, Charts, and others.

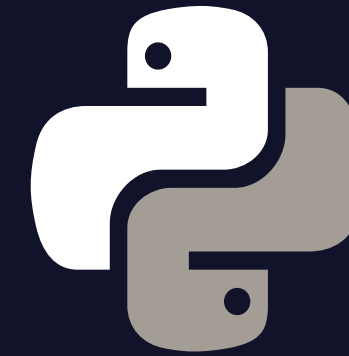
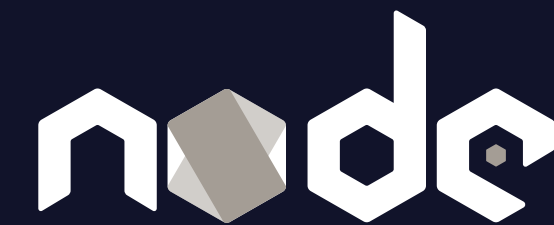


## Back end stack

To build reliable back-end solutions, we prefer using the following frameworks and technologies:

**NodeJS + Typescript** — an asynchronous event-driven runtime environment that is designed to build scalable network applications. It comes naturally with microservices architecture.

We use the most common databases for data storage, such as PostgreSQL, MongoDB, MariaDB, etc. As a data communications level, we use GraphQL or REST.



# Infrastructure

We set up, deploy, and maintain applications that run in the next environments:

**Vercel** — Vercel is a cloud platform and service that specializes in providing hosting and serverless computing for web applications. It's designed to make it easy for developers to deploy and manage their web applications, particularly those built using modern web development technologies like JavaScript, React, Vue.js, and more.

**Digital Ocean** — a cloud service provider with predictable pricing, and reliable scalability.

AWS, Azure, GCP — leading industry cloud service providers for big scalable applications.

We have vast experience in optimizing the infrastructure to provide customers smooth experience and reduce operational costs.

# Quality assurance stack

To ensure high quality of outcomes, we use the next quality assurance toolset:

**BlazeMeter + Taurus** — all-in-one continuous testing cloud platform for web applications quality assurance.

**Insomnia** — API design tool that enables to test APIs quickly and collaboratively.

**Selenium** — an industry standard framework for testing web applications.

**Cypress** — a fast, easy, and reliable testing tool for anything that runs in a browser.

# Integrations

The world is interconnected, so does your business and your digital product. We are bring this connectivity and integrate the product with the other systems.

We have experience integrating the next APIs:

**Payments:** Stripe, Square, Paypal.

**Authentication:** Google, Facebook, Clerk, AD.

**Marketing:** Mailchimp, Mailgun, Brevo.

**Comms and support:** Intercom, Rocketchat.

**Analytics:** GA, GTM, Mixpanel, Metabase.

**Other:** Calendly, Cal, Slack, Airtable + dozens of others





**That's it. Thank you**  
Just one more thing

## CONTACT

We hope this presentation has uncovered our team's capabilities, and we are willing to keep this relationship going. Please let us know if there are any questions or unique needs to be discussed. We are always open to discuss opportunities in more detail. See you soon!

**dt**digital

Get even more information  
at our website

**dtdigital.nl**

Want to talk with a human being?  
Send us a message to

**hello@dtdigital.nl**