Hleb Developer

05 / SECURITY

Hard to break. Quick to recover.

How a project is protected from DDoS, bots and intrusion — and what that does not cover.

At the edge, before the server

Every site runs behind a global content network with HTTPS switched on everywhere. Floods of traffic are absorbed at the edge instead of reaching the server, and request limits on forms and sign-in pages stop a bot from hammering them.

Forms and sign-in

Everything a form sends is checked on the server, never only in the browser. Hidden honeypot fields and timing checks catch automated submissions; sign-in attempts are limited per address and per account; sessions are signed cookies the browser cannot read, and they expire.

Data and code

The database is reached through parameterised queries, which rules out SQL injection. Secrets live in environment variables — never in the code or in the browser. Admin pages require a verified session on the server; a hidden link is not protection.

Agreed per project, in writing

Backup schedule and a restore test, how often dependencies are updated, what is monitored and who is alerted, and a contact for incidents. Security is part of the proposal, not a line in the small print.

05 / INCIDENTS & LIMITS

No system is unbreakable.

The aim is to make an attack expensive and recovery fast — and to say plainly what a website cannot prevent.

Uploads and access

Uploaded files are checked by type and size and are never executed. Each person with admin access has their own account, the database role has only the rights it needs, and access is removed the day someone leaves.

Backups, monitoring and recovery

Daily database snapshots, with point-in-time restore where the provider supports it. Uptime and error alerts, so a problem is noticed before a customer reports it. The site is rebuilt from source, so a clean redeploy takes minutes.

What this does not promise

There is no guarantee against every attack. A flaw in a third-party platform, a password stolen from someone’s own laptop, or a convincing phone call to a staff member are outside what a website can prevent. These measures limit the damage and shorten the way back.

Want this checked for your project?

Write on WhatsApp or to hlebdeveloper@gmail.com. A review of an existing site takes a few days and ends with a short list of what to fix first.