Common Web Risks

Computing

The vulnerability classes that account for most real breaches.

Drawn from the OWASP Top 10 categories.

Risk	Prevented by
Broken access control	Server-side checks on every request
Injection (SQL, command)	Parameterised queries, never string-building
Cryptographic failures	TLS everywhere, no home-made crypto
Insecure design	Threat modelling before building
Misconfiguration	Defaults changed, debug off in production
Vulnerable dependencies	Automated updates, a lockfile
Auth failures	Rate limits, MFA, secure sessions
SSRF	Allowlist outbound URLs

Injection is still near the top after twenty years, and parameterised queries have prevented it that whole time.