BLOCKCHAINARMY

Blockchain development

An introduction for product and technology teams: what we build, how we build it securely, and how BlockchainArmy takes a system from first prototype to a maintained platform.

blockchainarmy.com

What do we build?

Blockchain systems that run **real processes:** smart contracts, tokens, and the apps people use to work with them.

The blockchain is only one layer. Most of the work is the product around it: screens, dashboards, integrations and security.

Smart contract

Code on the blockchain that holds the rules and records, and runs them automatically.

Token

A digital unit of value or ownership, such as a share, a credit or a membership.

dApp

The web or mobile app that lets people use the smart contracts easily.

From idea to production

1

PoC

A proof of concept shows the idea works technically, in weeks.

2

MVP

A first usable product, tested with real users.

3

Production

A secure, audited, fully integrated platform.

4

Maintain

Updates, monitoring and support after launch.

ONE THING TO REMEMBER

Code on a blockchain is hard to change. Security comes first, not last.

A mistake in a smart contract can be permanent and public. That is why we test, review and prepare every contract for an independent audit before it goes live.

What we deliver

Smart contracts

Secure, tested contracts for ownership, payments, voting and records.

Tokens

Fungible, non-fungible and multi-token standards, with the right controls built in.

Web & mobile apps

Clear interfaces that hide the complexity from end users.

Admin dashboards

Tools for your operations team to manage users, assets and reports.

Integrations & APIs

Connections to your ERP, identity, payment and data systems.

Documentation

Technical documents and handover so your team understands the system.

Our four development services

SERVICE	WHAT YOU GET	TYPICAL OUTPUT
Smart contract development	Business rules written as secure, tested code	Contracts, tests and audit-ready documentation
Product design (UI/UX)	Screens people understand without training	User flows, designs and clickable prototypes
Secure token development	Tokens with access, transfer and supply controls	Token contracts, admin tools and wallet setup
PoC & MVP builds	A working product, fast, to test your idea	A live prototype or first release

What makes blockchain development hard

01

Permanent code

Deployed contracts are difficult to change, so design mistakes are costly.

02

Security

Public contracts are open to attack and must be built defensively.

03

User experience

Wallets, keys and fees confuse users unless the product hides them well.

04

Integration

The blockchain must work with existing systems, data and partners.

WHAT WE DO

We design, build and maintain blockchain products

Design

Architecture, smart contract design and user experience, agreed with you before coding.

Build

Smart contracts, apps, dashboards and integrations, built and tested by our engineers.

Maintain

Hosting, updates and support during working hours, under a maintenance package.

SECURITY

How we build securely

Specification	Every rule is written down and agreed before any code is written.
Testing	Automated tests for every contract function and edge case.
Code review	Internal review by a second engineer on every change.
Independent audit	Contracts prepared and documented for an external security audit.
Monitoring	Live monitoring and planned upgrades after launch.

CHAINS & STACK

Technology we work with

Ethereum & EVM chains

Ethereum, Polygon, BNB Chain and Avalanche for open, public markets.

Hyperledger Fabric & Besu

Permissioned ledgers for governments and enterprises.

Solidity & token standards

ERC-20, ERC-721 and ERC-1155 for tokens and digital assets.

Oracles & storage

Chainlink oracles for outside data and IPFS for documents.

Identity & privacy

Decentralized identity and zero-knowledge proofs.

APIs

REST and GraphQL APIs to connect with your systems.

How a project runs

Step 1

Discover

Understand the goal, the users and the systems we need to connect to.

Step 2

Design

Architecture, contract design and screens, agreed with you.

Step 3

Build & test

Develop, integrate and test in short cycles you can follow.

Step 4

Launch & maintain

Go live, train your team and keep the platform maintained.

How we work together

01 **PoC & MVP**
A fixed package to prove the idea quickly.

02 **Project build**
One project with scope and price fixed at the start, delivered in phases.

03 **Maintenance package**
Hosting, updates and support during working hours.

04 **Changes**
New features after launch, quoted before work starts.

You know the scope, the price and the timeline before we write the first line of code.

ABOUT US

BlockchainArmy builds blockchain systems for companies and public institutions.

Blockchain engineering

In-house team building enterprise blockchain platforms end to end.

Delivered products

Platforms for procurement, data migration, mobility and shared parking.

Regional reach

Based in Istanbul, working across Europe, the Middle East and Asia.

Compliance by design

Systems built around audit trails, identity checks and data protection.

BLOCKCHAINARMY

Thank you

To discuss a prototype, a product or a full platform build, contact us through our website.

blockchainarmy.com

For information only. This presentation describes our services and is not a binding offer. Scope, timing and price are agreed in writing for each project.