BATUHAN BAYAZIT

Full-Stack, Blockchain & Mobile App Developer

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PROFESSIONAL SUMMARY

Full-stack, blockchain, and mobile app focused Software Engineer and **14-time Hackathon Winner** with multiple 1st-place wins across Web3 hackathons and national data competitions. Builds end-to-end products spanning web apps, mobile apps, smart contracts, DeFi systems, AI agents, and machine learning pipelines. Experienced across React, Next.js, Flutter, Solidity, Move, Python, Go, and DevOps workflows with Kubernetes, Docker, CI/CD, Linux systems, and security-oriented infrastructure.

TECHNICAL SKILLS

Programming Languages: Solidity, Move, TypeScript/JavaScript, Python, Go, SQL (PostgreSQL), Dart.
Full-Stack & Product: React, Next.js, TypeScript/JavaScript, RESTful APIs, OAuth2/JWT Authentication, Developer Tooling.
Mobile App Development: Flutter, Dart, mobile-first product design, cross-platform app architecture.
Blockchain & FinTech: Smart Contracts, DeFi Protocols, Uniswap V4 Hooks, ERC-20/ERC-721 Tokenization, ZK Proofs, Farcaster Mini-Apps, Algorithmic Trading.
Ecosystems & Platforms: Base, Sui, Monad, Solana, IPFS, Walrus.
AI & Data: AI Agents, Agent Orchestration, AI/LLM Integration, Machine Learning, Model Ensembling, MongoDB, Data Visualization, Computer Vision.
DevOps & Infrastructure: Kubernetes (K8s), Docker, CI/CD Pipelines, Linux System Administration, Cloud Architecture.
Methodologies & Tools: Agile/Scrum, Git, Jira, VS Code, Figma, MS Office.

PROFESSIONAL EXPERIENCE

BuilderMare — Ambassador Oct 2025 – Present
Remote
- **Technical Leadership:** Organized blockchain hackathons and provided code reviews focused on smart contract security, DeFi protocols, and builder experience.
- **Developer Mentorship:** Supported early-stage teams with technical feedback, ecosystem onboarding, and product iteration guidance across Web3 programs.

Işık Blockchain — Ambassador Jul 2025 – Present
Remote
- **Community Building:** Represented the organization at ecosystem events and helped grow developer engagement around secure DLT implementations.
- **Program Support:** Contributed to hackathon operations, mentorship, and technical community activities across Ankara's blockchain builder ecosystem.

HAVELSAN — DevOps Engineer Intern Jul 2025 – Aug 2025
Ankara, Turkey — Defense & IT Sector
- **Infrastructure Automation:** Worked with Kubernetes to support containerized, mission-critical software systems.
- **CI/CD Optimization:** Helped configure and improve Continuous Integration/Continuous Deployment pipelines to make releases smoother and more reliable.
- **System Security:** Applied Docker containerization standards to isolate environments and strengthen operational security practices.

Edu3Labs — Management Trainee (Blockchain & QA) Jun 2024 – Jan 2025
Remote
- **Quality Assurance:** Conducted QA testing on financial DApps, identifying and helping resolve critical bugs before release.
- **Business Analysis:** Assisted in defining business logic for smart contracts in line with project roadmaps and product requirements.

Algorithmic Trading Developer — Quantitative Analysis Team 2021 – 2022
Remote
- **Automated Trading:** Developed Python-based bots to execute high-frequency trades based on technical indicators.
- **Data Analysis:** Engineered software to track whale wallet movements and analyze buy/sell volume on EVM chains, optimizing entry/exit strategies.

TECHNICAL PROJECTS & CASE STUDIES

BTK Akademi Datathon 2026: Career Success Prediction 1st Place — 579 Teams
Tech Stack: Python, Machine Learning, Ensembling, Stacking, Regression, Data Science

- Won 1st place among 579 teams by building a robust private-leaderboard regression pipeline for career success score prediction.
- Designed an honest validation strategy, stacked diverse model families, and selected final submissions for private-score stability rather than public leaderboard chasing.

EduBridge: AI-Powered Education & Opportunity Ecosystem 2nd Place — Mindbricks Hackathon
Tech Stack: AI Matching, Product Design, Marketplace, Social Impact

- Built a digital ecosystem connecting students with scholarships, sponsors, foundations, companies, and student-focused brand opportunities in one platform.
- Designed an AI-powered matching flow for scholarship discovery, application management, student discounts, and coupons to reduce student living costs.

AceSteps: AI Music Platform with Streaming, Creation, and Ownership 1st Place — Base Demo Day
Tech Stack: Base, Uniswap V4 Hooks, ERC-721/ERC-20, AI, Smart Contracts

- Built a platform combining the feel of Spotify, AI music creation, and on-chain ownership in a single user experience.
- Used Uniswap V4 Hooks and tokenized music assets to enable revenue sharing and programmable ownership for AI-generated tracks.

BeatChain: Decentralized IP Rights Management 1st Place — Base Hyperthon
Tech Stack: Base, Farcaster Frames, Solidity, IPFS

- Built a music creation protocol where each contribution is recorded on-chain, producing a verifiable ownership graph for collaborative tracks.
- Combined social discovery with immutable attribution to make co-created digital IP more transparent and ownable.

OLAC: Object-Level Access Controller 1st Place — BuilderMare Hackathon
Tech Stack: Sui Move, RBAC, Security Frameworks

- Developed a framework focused on Role-Based Access Control (RBAC) and Account Recovery mechanisms.
- Implemented timelocked actions and guardian approvals, essential for institutional-grade asset management.

Clawbook: AI Agent Social Network 4th Place — Monad Blitz Ankara #2
Tech Stack: Monad, Smart Contracts, AI Agents

- Engineered a blockchain-native social network designed exclusively for AI agents to interact on the high-performance Monad ecosystem.

card-cli: Agent-First Virtual Card CLI 3rd Place — Cursor Ankara Hackathon: Blockchain Edition
Tech Stack: Solana, CLI Automation, Developer Tooling, Payment Flows

- Built an agent-first CLI that connects on-chain deposits with virtual card and payment workflows for developers and AI agents.
- Structured the product around machine-friendly outputs, developer ergonomics, and fast experimentation under hackathon constraints.

ProoFlirt: Privacy-Preserving Verification System 4th Place — Sui Hackathon
Tech Stack: Zero-Knowledge Proofs (ZK), Sui, Decentralized Identity

- Used Zero-Knowledge Proofs to verify identity attributes without exposing sensitive personal information, enabling privacy-preserving user verification.

Sui Resource Network: Decentralized Infrastructure 4th Place — Sui Ideathon
Tech Stack: DePIN, Sui, Smart Contracts, Resource Optimization

- Designed a marketplace model to transform idle computing power (CPU/GPU) into liquid assets using smart contract escrows.

Kovan: Next-Gen Endpoint Security Platform 3rd Place — HACKMETU 2026
Tech Stack: Go, Linux/Windows Systems, AI Anomaly Detection (ATTDAP), CVE Scanning

- Built an ultra-lightweight 5.5MB Go agent for enterprise/government endpoint management across Linux and Windows via a single intuitive dashboard.
- Integrated a triple-model AI anomaly detection engine and automated CVE vulnerability scanning (47,000+ records) to drastically reduce breach detection times.

FluxCart: AI-Enhanced E-Commerce Architecture 1st Place — FlutterUp
Tech Stack: Flutter, Computer Vision, Mobile Architecture

- Integrated Computer Vision APIs to let users preview products through a more interactive shopping flow and improve the overall digital experience.

ManageAIWithSevgi: AI Project Management System 1st Place — Çankaya Planathon

Tech Stack: AI Documentation, Project Management, Systems Analysis

- Led the team to victory by conducting deep analysis of an AI-Powered Plant Disease Detection system.
- Created comprehensive technical documentation and project roadmaps, streamlining the development lifecycle.

EDUCATION

Çankaya University — Software Engineering — Ankara, Turkey
GPA: **3.45** — 100% Scholarship — Graduated: Jun 2026

Antalya College Science High School — Antalya, Turkey
100% Scholarship — 2018–2022

LANGUAGES

English (Professional Proficiency — C1) | Turkish (Native)