

Ali İhsan Taş - [Software Developer - Full-stack](#)

Experience

Jan. 2026 - now | Germany, Berlin - (Remote)

Arsipa - **Full-stack Developer**

- Built and maintained scalable SaaS applications using **Next.js, NestJS, and TypeScript**, focusing on performance and modular architecture.
- Designed and implemented **EAP (Employee Assistance Program)** and **OHS (Occupational Health & Safety)** platforms for enterprise clients.
- Developed end-to-end features across frontend and backend, including **authentication, role-based access control, and API design**.
- Set up and managed **CI/CD pipelines** to automate build, test, and deployment processes.
- Implemented a **notification system** with email services for real-time user engagement and system alerts.
- Designed and optimized **RESTful APIs** and database schemas for high performance and scalability.
- Collaborated with cross-functional teams to deliver production-ready features in an agile environment.
- Focused on building **multi-tenant SaaS architectures** for scalable and reusable systems.

Nov. 2024 - Jan. 2026 | Turkey

Skyrock Tech. - **Full-stack Developer - DeFi**

- Designed and implemented DeFi protocols and smart contracts aligned with Uniswap V2, V3, and V4 architectures, including ERC-20 and ERC-721 standards
- Delivered production-ready decentralized applications using **Next.js, TypeScript, Wagmi, and NestJS**
- Building full-stack decentralized applications using **Next.js, TypeScript, Wagmi, and NestJS**.
- Evaluated, integrated, and maintained modern **Web3/DeFi** development stacks, including **Wagmi, Viem, and Hardhat**
- Built **event-driven blockchain listeners** and custom backend services to synchronize on-chain and off-chain data flows
- Applied security, scalability, and UX best practices to ensure robust and user-centric DeFi applications

Oct. 2024 - Nov. 2024 | Turkey, Istanbul

TRT World · Full-Time – **Full-stack Developer**

- Developed and maintained a scalable multi-language CMS platform using React, TypeScript, and Node.js. Integrated localization workflows, optimized API performance, and contributed to backend architecture and database design.

Feb. 2023 - Oct. 2024 | Remote

Self-Employed · Contract – **Full-stack Developer**

- As a freelance full-stack blockchain developer, I've built and maintained decentralized applications for various clients. My work spans smart contract development, cloud integration, and full-stack DApp architecture.

- Live-cell Agency - Weagreed: Decentralized Freelance Job Finding Platform
- Coin Vote | Blockchain Based Survey System for Nurol Makina
 - => Full Stack Blockchain & DApp Development: Optimization, maintenance,
 - => Cloud Servies: Hosting, **CI/CD** pipeline, DB, & **Storage integration**
 - => Smart Contract Development : **Solidity**, Truffle, TS, Hardhat
 - => Full Stack Development: (**React, NextJs, JS, NodeJs, MongoDB**)

Sept. 2021 - Feb. 2023 | Turkey, Istanbul

Phinite Lab - Project-Based - **Software Developer**

- I have hands-on experience in both frontend and embedded systems development. Below are some key projects I've worked on across web3, full-stack, and hardware domains.
 - ERA HOMINIDS NFT Marketplace (Short-term: 4 Weeks)
 - => Web3 : React, Ether.js, wagmi, JS,
 - => Frontend Development: React, JS
 - Mock Loop System Design and Control (6 months)
 - => Full Stack Development: (React, JS, NodeJs, MongoDB)
 - => Embedded Development (C++)
 - Antenna Tracker Device Development for Baykar Tech. (1 year)
 - => Embedded Development (C++)

Feb. 2022 - Oct. 2024 | Turkey, Istanbul

Yıldız Technical University Mechatronic Engineering Department - **Research Assistant**

- I assisted with the Introduction to AI, OOP, and Algorithm Development Courses. (JS, Python, C++)
- I've authored 7 academic publications in Engineering and algorithm development, with 2 of them indexed in SCI.
- I am researching Blockchain Technologies.

Oct. 2018 - Sept. 2021 | Turkey, Istanbul

Yıldız Technical University LAGARI UAV TEAM- **Team Lead**

- We prepared for international UAV competitions for 3 years.
- I worked on: Flight GUI design and autonomous flight and I was the team lead last year.
 - For Flight GUI design, I used: React, Redux, Python, JS
 - For Autonomous Flight, I used: C++ and lots of math.
- We won Fighting UAV Competition 2021: Fixed Wing: First, Turkey
- We won AUVSI-SUAS Competition 2019: Fixed Wing: First/Overall Ranking: Third (USA)

Certifications

- AWS Certified Cloud Practitioner ([Show credential](#))
- Certified Blockchain Expert™ from Blockchain Council ([Show credential](#))
- Certified Solidity Developer from Blockchain Council ([Show credential](#))
- Strategy V2 Developer from Hummingbot ([Show credential](#))

Projects

- **Crypto Market Scanner (Rust):** Designed and deployed a real-time crypto market scanner in Rust using REST and WebSocket APIs. Open-source package published on [crates.io: aeon-market-scanner-rs](https://crates.io:aeon-market-scanner-rs)

Languages & Frameworks

- **Web & Backend:** JavaScript, TypeScript, Node.js, React, Next.js, NestJS, Rust
- **Blockchain & Smart Contracts:** Solidity, Hardhat, Viem, Wagmi, OpenZeppelin, Remix, Truffle, Ethers.js, Web3.js
- **Databases & Storage:** PostgreSQL, MySQL, MongoDB, Redis, IPFS
- **Testing:** Jest, Playwright, Hardhat (testing)
- **Cloud & DevOps:** GitHub Actions, Docker, CI/CD Pipelines, AWS, Cloudflare, DigitalOcean
- **Other Tools & Tech:** GraphQL, REST API, Prisma, Typeorm, Postman, Figma
- **Languages:** Turkish (Native), English (Fluent)

Awards

- **UAV Competition – Turkey (2021):** 1st Place, Fixed-Wing Category
- **AUVSI-SUAS Competition – USA (2019):** 1st Place in Fixed-Wing Mission, 3rd Overall Ranking

Education

- Mechatronic Engineering (MSc.) – Yildiz Technical University, Turkey (3.71 / 4 GPA), Recognized (Anabin H+)
- Mechatronic Engineering (B.Sc.) – Yildiz Technical University, Turkey (3.44 / 4 GPA), Recognized (Anabin H+)

Contact Info

- **Email:** aliihsantas34@gmail.com
- **Phone:** +90 542 282 77 40
- **Website:** <https://aliihsantas.com/>
- **LinkedIn:** [linkedin.com/in/ali-ihsan-tas](https://www.linkedin.com/in/ali-ihsan-tas)
- **GitHub:** github.com/ihsan215

References

- Martin O' Driscoll - Lead Developer - Germany
- Nina Untch - Product Lead - Germany