

# Dmytro Rud

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Blockchain & FinTech Architect  
Ukraine (Remote)

## Contact

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[hello@dimarud.com](mailto:hello@dimarud.com)

[www.linkedin.com/in/dimarud](https://www.linkedin.com/in/dimarud) (LinkedIn)

dimarud.com

## Summary

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Blockchain & FinTech Architect with 7+ years of experience shaping technical and strategic decisions across decentralized finance, payment systems, and complex platform infrastructure. I help teams choose the right architecture, avoid costly missteps, and build with confidence.

## Experience

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### ARYZE

#### Full Stack Engineer

November 2021 - Present (4 years 5 months),  
Copenhagen, Denmark

- Development of Payment Initiation Service Provider (PISP) system based on MasterCard Open Banking.
- Developed end-to-end reForge, a bridge infrastructure supporting over 30 stablecoins, Real World Assets (RWA), and NFTs (e.g., eUSD, EUR, eGOLD), for cross-network token exchange and transfer, generating over \$100,000 in monthly fee revenue.
- Developed of Launchpad (contract and dashboard) for RYZE tokens.
- Development of stablecoins on EVM-compatible networks (Ethereum, BSC, Polygon): eEUR, eUSD, GBP, eGOLD, etc.
- Created contract and algorithm for automatic RYZE token withdrawal by Investors.
- Development custom DeFi marketplace (mama.io) based on AMM v2 and v3 models.
- Created algorithms and contracts for auto rebalancing (rebasing/arbitrage) of liquidity pools.
- Created On/Off-Ramp with seamless UX flow for swapping fiat to ARYZE Stablecoins and backward.
- Created a faucet for testing company tokens/NFT on blockchain for developers.
- Participated in developing token staking algorithms and reward estimation for it.
- Created a trading bot with web UI for market-making and stabilizing token prices.
- Led the creation of APIs and SDKs to improve interconnectivity across our applications.

## **Intobi**

### **Full Stack Engineer**

April 2021 - January 2023 (1 year 10 months),

Kyiv, Ukraine

- Development booking system with calendars, reminders and data integrations for managing patients and treatment process in network of dentists clinics.
- Dashboard for investors of FinTech startup with integration of third party services like Visma E-conomic. Setting up CI/CD pipelines.
- Creating and testing Smart Contracts, setup web3 integration into Angular, React and Vue.js projects, development blockchain decentralized applications (bridges, DEXs, etc.) on Binance Smart Chain and Ethereum.
- Development of functionality, databases, and design for web applications. Setting up integrations with third-party services.
- Creating new API methods and testing.

## **INCHKIEV**

### **Web Developer**

October 2019 - March 2021 (1 year 6 months),

Kyiv, Ukraine

- Development of an application for interactive meetings with quizzes and streaming video in real time
- Development of Back-end part and Admin panel for Augmented Reality application.
- Layout of articles of varying complexity for online publications.
- Development of an application for a web resource for learning the Kotlin programming language.

## **Harbin Institute of Technology**

### **Web Developer**

June 2018 - June 2019 (1 year 1 month),

Harbin, China

- Developed a Smart Home system with a 6LoWPAN mesh network (ContikiOS, TSCH) for device communication, powered by Node.js, Express.js, NodeRed, etc.

## **Education**

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### **Harbin Institute of Technology**

Master's degree, Computer Science and Technology (2016-2019)

### **National Technical University of Ukraine 'Kyiv Polytechnic Institute'**

Bachelor's Degree, Computer Science and Technology, with honors (2012-2016)

## **Skills**

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### **Leadership & Strategy**

Technical Leadership, System Design & Architecture, Cross-Team Coordination, Strategic Planning, Stakeholder Communication, Risk Assessment

### **Process & Delivery**

AI-Augmented Workflows, Process Automation, Complex Problem Solving, Project Planning & Estimation, Code Review & Mentorship, Decision-Making Under Uncertainty

### **Blockchain & Web3**

Solidity, Decentralized Applications (DEX, Staking, Cross Chain Bridging, RWA), Smart Contracts, Blockchain, Web3

### **Node.js Stack**

TypeScript, JavaScript, Node.js, Express.js, Prisma ORM, Drizzle

### **.NET Stack**

C#, .NET, Entity Framework, SignalR

### **Front-End Development**

React, Next.js, Vue.js, Angular, HTML, CSS, Tailwind CSS, Bootstrap, RxJS

### **Databases & Messaging**

MongoDB, PostgreSQL, MySQL, Microsoft SQL Server, RabbitMQ

### **Cloud & DevOps**

AWS, Microsoft Azure, Google Cloud Platform, Docker, CI/CD, Linux, Nginx, Microservices, Git, Serverless

### **Languages**

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- English (Professional Working)
- Ukrainian (Native)
- Chinese (Limited Working)