

# AHMET ENES KEÇECİ

## FULL-STACK SOFTWARE ENGINEER

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## SUMMARY

Results-driven Full-stack Software Engineer & Mathematical Engineer with **5+ years** of hands-on experience in high-performance backend systems, Web3 architectures, and Autonomous AI Agents. Proven track record in designing low-latency microservices, writing production-grade smart contracts, and optimizing complex worker pipelines to resolve architectural bottlenecks.

## PROFESSIONAL EXPERIENCE

### Partner | Senior Developer | *TinyLabs (SAM Terminal)*

Oct 2024 – Present

- Architected a high-performance microservices backend using **gRPC** for inter-service communication, reducing message latency by **40%** across agent subsystems.
- Developed **SAM**, an autonomous AI agent workflow engine, using **NestJS** and **React Flow** to automate complex, multi-step Web3 transactions.
- Engineered reliable background job execution and processing pipelines using **Redis** and **BullMQ**, supporting **200+ concurrent active users** in closed alpha with zero task drop rates.

### Fullstack Developer | *TinyLabs (TinyAgents)*

Dec 2024 – Present

- Built an automated token creation, liquidity, and distribution platform for **ERC-20** assets across EVM-compatible networks using **NestJS** and **Java Quarkus**.
- Integrated **OpenAI API** to construct dynamic, contextual on-chain agent personas that power autonomous Twitter interactions and token events.
- Authored and deployed gas-optimized **Smart Contracts** for token distributions, utilizing memory layout optimizations to reduce deployment costs by **15%**.

### Software Developer | *Vanora Ventures*

Nov 2024 – Dec 2024

- Performed deep performance analysis and refactoring for the high-traffic **Tuttur** mobile application built with React Native.
- Eliminated complex prop drilling and overhauled the global state management architecture, reducing unnecessary re-renders by **35%** and solving critical memory leaks.
- Optimized enterprise apps (Koroplast, Lassa, Akka Hotels) through data caching strategies and asset optimization pipelines, improving TTFB by **20%**.

### Software Developer | *Chainify*

Jun 2023 – Mar 2024

- Built **Miscet**, a real-time NFT ticketing mobile and web platform, using **React Native (Expo)** and **Next.js** to handle ticket issuance and validation.
- Containerized frontend and backend services using **Docker** and deployed the infrastructure onto scalable **AWS EC2** instances.
- Established full CI pipelines using **Jenkins** to automate code analysis, test execution, and artifact generation, accelerating release cycles by **50%**.

### Frontend Educator & Mentor | *Onlyjs*

Jun 2023 – Dec 2026

- Trained **50+ aspiring developers** in advanced React Native state patterns, component lifecycle optimization, and software engineering best practices.

## EDUCATION

### Istanbul Technical University

B.Sc. in Mathematical Engineering

Istanbul, TR

Jun 2021 – Jun 2027 (Expected)

- **Relevant Coursework:** Cryptography, Graph Theory, Numerical Analysis, Probability & Statistics, Data Structures & Algorithms.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, Go, Rust, Python, SQL, HTML/CSS

**Backend/Web3:** NestJS, Node.js, gRPC, Ethers.js, Viem, Hardhat, Prisma, BullMQ, Redis, Smart Contracts (ERC-20)

**Frontend/Mobile:** Next.js, React, React Native, Expo, TailwindCSS, Material UI, Mantine

**DevOps/Tools:** Docker, Jenkins, AWS (EC2, CloudWatch), Nginx, Git, Postman

**Data Science:** PyTorch, TensorFlow, Pandas, NumPy

## HACKATHONS & AWARDS

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**EthGlobal Thailand** - Participant & Finisher

*Nov 2024*

**EthGlobal Singapore** - Participant & Finisher

*Oct 2024*

**EthGlobal Brussels** - Bounty Winner (1st Place)

*Jul 2024*

**EthGlobal Prague**

*Jul 2025*

**EthBerlin04** - Participant

*May 2024*

**EthGlobal Istanbul** - Participant

*Nov 2023*

**Hackjuno** - 2nd Place Winner

*May 2023*