

# ALI RIZA KAT

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## TECHNICAL SUMMARY

Software and Game Developer with a strong background in Unity, SDK development, and optimization. Passionate about game engines, low-level systems, and performance tuning. Over 6 years of experience with C# and Unity, with deep expertise in Unity tool development. Professionally developed and released Unity, Node.js, and React Native SDKs. Contributed to the full-cycle development of numerous games, including a globally launched hit title.

## SKILLS

**Programming Languages** C#, C++, JavaScript/TypeScript, Java

**Frameworks & SDKs** Unity, Node.js, React Native, NUnit, Mocha

**Tools & Platforms** Git, Unity Version Control (PlasticSCM), Android Studio, Xcode, Zendesk

**Language** English (C1), Turkish (Native)

## EXPERIENCE

### MULTIPLAYER / SUPER DUPER GAMES

Istanbul, Turkey

#### Software Engineer

Feb 2025 – Current

- Developing up to **2 prototypes per month**.
- Built over **10+ internal tools** (parsers, editor utilities) that **reduced design iteration time by 30%** and **cut sheet parsing time by 50%**.
- Designed custom scenes and game levels for marketing videos and promotions.

### COUNTLY

Remote

#### SDK Engineer

Sep 2023 – Nov 2024

- Added **WebGL build target support** and multiple new features to the Unity SDK.
- Released **5 Unity SDKs**, **2 Node.js SDKs**, and **2 React Native SDKs** as the sole maintainer, ensuring stability and new functionality.
- Rewrote and restructured over **15+ technical documents** on Zendesk, and authored **2 articles** sharing SDK best practices and updates.
- Provided direct support for Unity, Node.js, and React Native SDKs, resolving numerous customer-reported issues.
- Added unit and integration tests for Node.js and Unity SDKs using Mocha and NUnit.

### NITROGEN GAMES

Izmir, Turkey

#### Game Developer

Nov 2022 – May 2023

- Completed the full-cycle development of **3 mobile games** in 7 months, including a hybrid-casual title.
- Built **2 internal tools**, one focused on a new input system to improve gameplay workflows.
- Took over **2 existing projects**, implementing input system upgrades and asset adjustments that enabled successful re-releases.

## NIRAH GAMES

Izmir, Turkey

### Game Developer

Jan 2021 – Oct 2022

- Led the development of **Baby Life 3D!**, a hit title with **1M+ downloads** and **20K+ reviews** on both Google Play and the App Store.
- Contributed to the end-to-end development of **15+ prototypes**, iterating from concept to release.
- Produced and optimized **2+ marketing videos per prototype**, achieving stable CPI and consistent user acquisition metrics.

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## RECENT PROJECTS

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### Color of War | [Link](#)

- Turn-based tactical core with **merge-based unit leveling** and grid combat.
- Implemented **multi-size enemy support (1x1 to 3x3)** and **scalable grid width (3 to 5 tiles)**.
- Built editor tooling for **parametric level balancing** and repeatable test scenarios.




### Loop Army | [Link](#)

- Designed a **wave-based looping train spawner** with deterministic sequencing and pooling.
- Delivered end-to-end **meta upgrade** systems (currencies, progression, unlocks) and **Google Sheets parsers**.
- Shipped **editor utilities** to automate data import/validation and speed up iteration.

### Smith Journey | [Link](#)

- Implemented **mining + combat** idle core; added **5 distinct weapon lines** each with unique skill sets.
- Built **meta progression** (upgrades, crafting, economy) and **sheet-driven parsers** for live tuning.
- Added in-editor tools for rapid content authoring and balancing.

## SDKs

- **Unity SDK** — Maintained and extended core features; added **WebGL build target support** and delivered multiple stable releases. | [GitHub](#) 
- **Node.js SDK** — Released new versions with improved APIs, performance fixes, and **comprehensive Mocha test coverage**. | [GitHub](#) 
- **React Native SDK** — Developed and maintained the bridge layer, enabling seamless cross-platform integration. | [GitHub](#) 

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## EDUCATION

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### YAŞAR UNIVERSITY

Izmir, Turkey

- Bachelor of Business Administration

Graduated: 2021