

Rishav Jha

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Education

National Institute of Technology Durgapur, B.Tech. Mechanical Engineering Dec 2020 – May 2024

Experience

App Developer, Tessell – Bengaluru, IN Aug 2025 – Present

- Designed and developed a comprehensive **design system** for the Escher app, packaged as a reusable **npm library** with fully tested **Storybook** components, accelerating UI development across teams.
- **Re-architected and refactored** the entire Escher **Electron application**, removing over **70% of the codebase** while preserving full functionality and improving stability, performance, and maintainability.
- Built a **dynamic UI rendering engine in React** that powers **AI-driven generative UI** capabilities within the Escher main panel, enabling on-the-fly interface creation.

Software Developer, Cuemath – Bengaluru, IN Oct 2023 – Aug 2025

- Developed and shipped **scalable, responsive games** for the Circle App using **Phaser** and **TypeScript**, contributing to a platform that reached over **200K monthly game plays at peak**.
- Designed and implemented resilient **multiplayer game architecture** with **real-time WebSocket communication** and reconnection flows, ensuring uninterrupted gameplay and state synchronization.
- Built an **internal library package** to extract game assets and generate configuration files directly from **Figma**, reducing extraction time by **95%** with **zero error rate**.
- Created a **React-based onboarding library** and designed responsive **signup and onboarding journeys** for the Cuemath App and student-facing platform, Leap, improving user experience and onboarding efficiency.

Open Source Contributor, Google Summer of Code (GSoC) May 2023 – Oct 2023

- Created a Figma design and implemented the redesigned Talawa Admin UI in React, delivering reusable component modules.
- Refactored and optimized the Talawa website codebase to improve performance, responsiveness, and long-term maintainability.

Projects

Illuminate Investing App Store Link

- **Illuminate Investing** is an impact-driven investment platform that empowers users to invest in sustainable companies and divest from fossil fuels, promoting climate-positive financial choices.
- **Tools:** React Native, TypeScript, Typebot, Redux, Lottie, Biometrics.

Training Tracker App Store Link

- **Training Tracker** is an all-in-one fitness companion with a neomorphic UI to log workouts, track progress, and stay motivated through intuitive charts and personalized insights.
- **Tools:** React Native, TypeScript, React Native Skia, Redux.

Skills

Languages: C, C++ , JavaScript, TypeScript, Dart, Python, HTML, CSS

Frameworks & Libraries: ReactJS, React Native, Flutter, Redux, Jest, Bootstrap, Tailwind, Django, Flask, ExpressJS, Colyseus, Lottie, Storybook

Cloud & Tools: Git, GitHub, Amazon Web Services (AWS)

Areas of Expertise: App Development, UI Development, Tools Development, Web Scraping, Automation