BINIT NAYAK

@ binitnayak48@gmail.com   ☎ +91 9142212934   % Portfolio   ○ GitHub   in LinkedIn   % LeetCode

PROFESSIONAL EXPERIENCE

Software Development Engineer (SDE-1)
Arrise Solutions Ltd

📅 Jan 2024 – Present

- Spearheaded the revamp of **Toast Messages 2.0** across all React game frameworks, replacing legacy popups with a unified, modular, and Figma-aligned toast system—improving responsiveness, usability, and reducing gameplay interruptions by **40%**.
- Enhanced and maintained the **Free Chips** feature across 5+ games, optimizing validation logic for Privé tables and enabling Free Chips-based access, boosting player engagement and campaign participation.
- Collaborated with **6+ cross-functional teams** (Product, QA, Core, and Game Framework) to align requirements, resolve dependencies, and ensure on-time delivery with a **95%+ code merge acceptance rate**.
- Refactored 50+ legacy components, improving reusability, reducing code duplication, and cutting future integration effort by **25%**.
- Championed **process efficiency and quality**—identifying redundancies, integrating early QA validation, and maintaining documentation in Jira/Confluence to ensure consistent knowledge transfer.
- Proactively managed **stakeholder communication and live issue resolution**, minimizing downtime, enhancing transparency, and strengthening 6+ cross-team collaboration.

PERSONAL PROJECTS

Snapgram – A Social Media Application
Self-learning Project

📅 May 2024 | GitHub

- Architected and implemented a full-featured social media web app enabling core workflows such as Explore feed, post creation and editing, profile management, saved posts, and social interactions.
- Built using **React**, **TypeScript**, and **Tailwind CSS** for a responsive, mobile-first UI; integrated **React Query** for optimized data fetching and caching, reducing unnecessary re-renders by approximately **10%**.
- Designed an infinite scroll feature on the Explore page, implemented drag-and-drop post uploads, and developed persistent saved-post functionality to enhance user engagement and performance by **40%** .
- Implemented schema validation using **Zod** and 5+ custom React hooks for structured data flow, improving type safety and maintainability.

YouTube Re-imagined
Self-learning Project

📅 Jun 2023 | GitHub

- Engineered a responsive YouTube UI, optimizing rendering pipelines to reduce lag by **14%** and deliver smoother playback.
- Built using **React**, **TypeScript**, and **Tailwind CSS**; managed state with **Redux**. Integrated real-time video data and metadata using **Rapid API**.

EDUCATION

B.Tech in Computer Science and Engineering
Vellore Institute of Technology

📅 2024   CGPA: 8.66

Class XII – ISC
Hill Top School, Jamshedpur

📅 2020   Score: 90.50%

Class X – ICSE
Hill Top School, Jamshedpur

📅 2018   Score: 91.80%

SKILLS

- **Core Languages:** Java, Python, JavaScript, TypeScript, SQL
- **Frameworks:** React, React Query, Redux, Tailwind CSS, NodeJS
- **Tools:** Git, Linux, Jest, RESTful APIs
- **Databases:** SQL, MySQL, MongoDB
- **Methodologies:** Agile, Scrum, Test-Driven Development (TDD), Unit Testing

CERTIFICATIONS

- AWS Cloud Practitioner Essentials – **AWS**
- Foundations of User Experience (UX) Design – **Google (Coursera)**
- Meta Advanced React – **Meta (Coursera)**

POSITIONS OF RESPONSIBILITY

- **Co-Founder & Secretary, Utkala Samiti** – Founded Odia cultural club at VIT-AP, leading initiatives to promote heritage, organize events, and increase campus engagement.
- **Event Management Coordinator, IoT Club** – Organized 5+ workshops and technical events to educate peers on IoT applications.

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Odia
- **Interests:** Chess, Piano, Badminton