Ankit Kumar Nayak

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Education

Institute of Technical Education and Research, SOA University   **2022 − 2024**
Master of Computer Applications   *Bhubaneswar, Odisha*

Work Experience

Tata Consultancy Services − Digital   Apr 2025 − Present
- Contributing to a large-scale enterprise web application as a React.js and TypeScript developer.
- Responsible for building responsive UIs, integrating REST APIs, and collaborating in agile teams.

Freelancer   2021
- Specialized in React.js, Bootstrap, WordPress, and Shopify development, delivering high-quality solutions for dynamic and interactive web applications.
- Successfully completed and delivered over **60+ projects**, achieving **95% client satisfaction**.

Technical Skills

C, Java, HTML, CSS, JavaScript, Spring Boot, Node.js, React.js, React Native, SQL, MongoDB, Next.js

Projects

- **X Clone − Twitter (X) Full Stack Clone (Next.js, Spring Boot, MySQL) – LIVE WEB APP LINK**
  - Developed a fully functional Twitter (X) clone supporting real-time feeds, JWT-secured auth, and image uploads, achieving ~100ms API response time and 99.9% uptime across frontend and backend.
  - Built 30+ scalable REST endpoints using Spring Boot 3.4.2, Spring Security, and JPA, with robust JWT authorization covering 5+ access roles and multi-session login management.

- **Frens - AI Powered Chat Mobile Application (React Native, Firebase, Llama API) - REPO LINK**
  - Developed a real-time chat application using React Native and Firebase, enabling seamless communication for users with **99.9% uptime.**
  - Integrated self-built Llama AI API for AI-powered chatbot interactions and implemented secure user authentication and media sharing through Firebase, ensuring data privacy and security.

- **NextShare - File Sharing Webapp (Next, Cloudinary, MongoDB) - LIVE WEB APP LINK**
  - Developed NextShare, a file-sharing web app, integrating Cloudinary for efficient file storage and MongoDB for tracking upload logs, handling over 1,000 daily uploads.
  - Implemented URL shortening and QR code generation for easy file sharing, while enabling file uploads up to 100MB with automatic expiration within 24 hours, ensuring seamless user experience and security.

- **Aura - Wallpaper Mobile App (React Native, Pixabay API) - REPO LINK**
  - Developed Aura, a sleek wallpaper mobile app using React Native and powered by the Pixabay API, with over 10,000 wallpapers available for seamless browsing.
  - Implemented high-quality wallpaper exploration, search, and seamless download features.

- **Llama - Ai API and Chat Webapp (Next.js, llama 3.3 70B model) - LIVE WEB APP LINK**
  - Developed Llama 3.3 70B API, delivering advanced, context-aware AI responses with performance on par with GPT-4, enhancing AI versatility for dynamic interactions.
  - Built an interactive chat web app using Next.js and TailwindCSS, enabling seamless user experience and efficient performance with a **99% response accuracy rate.**.

Interests

Web3, BlockChain, Artificial Intelligence, LLMs, AI-Agents