

Vishnu Nair

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SUMMARY

Software Engineer with experience in building scalable web and mobile applications using **React.js, Node.js, and MongoDB**. Strong in API development, performance optimization, and collaborative problem-solving in agile environments.

EXPERIENCE

Software Developer KNTECHNOLABS

Jan 2024 - Present

1. Developed and deployed new **React and TypeScript** features based on user feedback, enhancing product adoption and user engagement.
2. Designed and optimized **RESTful APIs**, improving performance by **30%** and managing **Firebase** for real-time data synchronization and storage.
3. Implemented **GraphQL APIs** to streamline integrations with platforms like Shopify and Etsy.
4. Wrote unit and integration tests using **React Testing Library**, significantly reducing regressions during feature releases.
5. Utilized tools such as **vite-bundle-visualizer** to optimize app bundle size, achieving a **33% reduction**.
6. Experience with *advanced* Frontend tools like **Web-assembly** (used for *ffmpeg-wasm*) and **service-worker**(for *caching mechanism*).
7. Developed backend integrations with multiple social media APIs (Facebook, Instagram, TikTok, LinkedIn, Pinterest,etc) and **AWS S3** , handling **authentication, scheduling, and automated publishing** of posts.
8. Collaborated closely with cross-functional teams, contributing to **code reviews, technical discussions, and feature planning**, while following best software engineering practices.

Intern Toriox OPC

Nov 2023 - Jan 2024

Collaborated with the team to design, develop, and launch a user-friendly website using **NextJS**. Assisted in identifying and resolving software bugs, contributing to overall project success.

PROJECTS

Swiggy Clone Application

Built using **MERN stack** following a **microservice architecture**.

Deployed using **AWS EC2, Nginx, GoDaddy, and Cloudflare**.

Live Link: <https://rapidosh.in/>

Notera - Android App

An Android app built for easy note-taking during daily commutes especially in Mumbai locals

Technologies used: **Kotlin, Jetpack Compose, Android, FFmpeg, OpenAI APIs, Firebase**

Live App Link: [Playstore Link \(50+ Installs\)](#)

EDUCATION

Bachelor of Science (B.Sc)
IHM

Jan 2022

CORE SKILLS

• JavaScript • TypeScript • Node.js • Express • React.js • MongoDB • AWS • git • Github • Claude.code