

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

Jan 2024 - Present

KNTECHNOLABS

- Developed and deployed new **React and TypeScript** features based on user feedback, enhancing product adoption and user engagement.
- Designed and optimized **RESTful APIs**, improving performance by **30%** and managing **Firebase** for real-time data synchronization and storage.
- Implemented **GraphQL APIs** to streamline integrations with platforms like Shopify and Etsy.
- Wrote unit and integration tests using **React Testing Library**, significantly reducing regressions during feature releases.
- Utilized tools such as **vite-bundle-visualizer** to optimize app bundle size, achieving a **33% reduction**.
- Experience with advanced Frontend tools like **Web-assembly** (used for `ffmpeg-wasm`) and **service-worker**(for caching mechanism).
- 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.
- Collaborated closely with cross-functional teams, contributing to **code reviews, technical discussions, and feature planning**, while following best software engineering practices.

Intern

Nov 2023 - Jan 2024

Toriox OPC

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)

Jan 2022

IHM

CORE SKILLS

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