

Yashank D

Frontend Developer (React & Next.js)

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Summary

A proactive and detail-oriented Frontend Developer making a strategic transition from a successful 3-year career in Test Automation. Combines a deep understanding of software quality and performance with hands-on expertise in building dynamic, user-centric web applications using React, Node.js, and modern web technologies. Eager to apply a unique perspective on creating robust, scalable, and bug-free code in a fast-paced development environment. Passionate about clean code, intuitive design, and continuous learning.

Skills

- **Frontend:** JavaScript (ES6+), TypeScript, React, Next.js, HTML5, CSS3, Tailwind CSS
- **Backend & Database:** Prisma, Supabase
- **Tools & Methods:** Git, GitHub, VS Code, Agile/Scrum. CI/CD

Experience

Test Automation Engineer | Tata Consultancy Services, Bengaluru (Dec 2021 - Sep 2024)

- Collaborated closely with development teams in an Agile environment to understand product requirements and enhance application quality throughout the software development lifecycle (SDLC).
- Developed and maintained robust automation scripts using Selenium with Java, focusing on improving code maintainability and execution efficiency.
- Analyzed application performance and identified critical bugs, contributing to a 50% reduction in production defects and a more stable user experience.
- Gained in-depth experience in understanding complex application architecture and business logic, enabling a proactive approach to identifying potential issues before deployment.

Projects

Full-Stack Project Management & Invoicing Portal for Photographers (FocusFlow)

Tech Stack: Next.js, TypeScript, Prisma, Supabase, NextAuth.js, RHF + Zod, Vercel.

- **Architected and built** a full-stack, type-safe web application from scratch using **Next.js**, **TypeScript**, and **Tailwind CSS** to solve a personal business need.
- **Designed a relational database schema** (Postgres) and built a complete, **type-safe RESTful API** using **Prisma** (ORM) and **Next.js API Route Handlers** for all backend logic.
- **Implemented full CRUD functionality** for **Clients** and **Projects**, handling complex relational data (e.g., "get projects for this specific client").
- **Ensured end-to-end type-safety** from the Postgres database, through the Prisma-generated client, to the React frontend components, catching data-related bugs at compile-time.

Education

Bachelor of Engineering, Mechanical Engineering | East West Institute of Technology, Bengaluru (2017 - 2021)