# Shraddha Singh

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## Experience

### Full stack Developer Intern | Sponsogram
*June2024 – September2024*

- Developed and maintained 10+ highly responsive React components and complex features like an influencer dashboard, sidebar, and search bar using **Next.js**, **TypeScript**, and **React**.
- Translated UI/UX designs into functional and interactive user interfaces, optimizing performance across all browsers using **HTML**, **Tailwind CSS**, and **React**.
- Elevated user experience by creating tools that streamline how users interact with the website on both desktop and mobile platforms, ensuring responsive design and accessibility.
- Engineered a mobile-responsive design for web applications that improved loading speed by 60% across devices; this enhancement contributed to a 30% decrease in user drop-off rates during peak traffic hours..

### Full stack Developer Intern | Agility Solutions LLC
*December2024 – March2025*

- Architected high-performance web applications using Next.js, React, TypeScript, and Tailwind CSS, improving load speeds by 40% and ensuring seamless cross-device experiences.
- Constructed scalable RESTful & GraphQL APIs with NestJS, Node.js, and Prisma, cutting database query time by 10% while ensuring secure authentication & authorization.
- Revamped application state management using React Context and optimized UI/UX with Tailwind CSS, decreasing API latency by 10% and driving user engagement up 15% through responsive dashboards.
- Streamlined CI/CD pipelines using GitHub Actions, Docker, and AWS, reducing deployment time by 12% and enabling zero-downtime releases.

## Projects

- Acumenspace | NextJs, Uploadcare,Clerk,Cloudways,Supabase
  Developed a scalable SaaS-based LMS, enabling creators to build and monetize communities with custom domains and affiliate programs.
  Optimized onboarding flow,  10% increase in user retention and seamless multi-vendor support for a smoother experience
  Eliminated video hosting costs to $0 by efficiently optimizing course module storage and delivery.
  Implemented real-time chat, event calendar, and a Notion-like editor, enhancing user engagement and content creation.
  Deployed a data-driven analytics dashboard, improving user insights, revenue tracking, and ensuring 99% uptime.

- QuickCart & EcommerceCloud | NextJs, TypeScript, Tailwind CSS,Stripe,Prisma,Stripe,Clerk
  Engineered an ecommerce ecosystem integrating QuickCart with EcommerceCloud (CMS) to support multi-store management.
  Designed an admin dashboard to manage categories, products, sizes, and colors, reducing manual store management time by 20%.
  Implemented secure authentication and role-based access control with Clerk, ensuring 99.9% system uptime.
  Boosted API performance, reducing response times by **30%** through efficient database queries and caching strategies, enhancing user experience and transaction speed.

## Skills

- Programming Language : Java,  Python,  TypeScript,  Javascript
- Full Stack Development : Next.js, React,  Node.js, NestJS, Express.js,   Html , Css, Tailwind Css
- DataBase: MySQL, PostgreSQL, MongoDB, Prisma ORM, Redis (caching)
- Developer Tools : VS Code, Git, Postman, GitHub Actions,Terraform, Bash Scripting
- Technology / Framework: Linux, Docker, Kubernetes, Kafka, Redis,
- Cloud Services : WebSockets, GraphQL, REST APIs, Microservices Architecture

## Core Competencies

- Data Structure and Algorithms: solved over 400+ questions and LC streak of 130 days.
- Operating System: Skilled in designing scalable, modular, and reusable software architectures.
- Computer Network: Proficient in TCP/IP, load balancing, and network optimization..
- DBMS: Experienced in relational and NoSQL databases, query optimization, and indexing.
- Software Engineering: Experienced in Agile methodologies, CI/CD pipelines, and Test-Driven Development (TDD).

## Education

Bachelor of Technology (B.Tech.), Computer Science Engineering                CSJMU Kanpur, India  2021 – 2025