

Abhijeet Singh

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Crafting engaging experiences for the Internet. With a creative approach to development, I add intuitiveness and life to my work. I build beautiful interfaces using React, Framer Motion, Tailwind CSS, MDX, SVGs, & WebGL; and performant backend applications using NextJS, Laravel (PHP), & MySQL. Outside of programming, I enjoy making 3d renders and animations using Blender and DaVinci Resolve.

RECENT PROJECTS

Portfolio Site

Next.js, Tailwind CSS, Framer Motion, MDX, SVG, WebGL abjt.dev

- Incorporated Offscreen Canvas and Web Workers to build the flagship visuals using WebGL.
- Developed vertex and fragment shaders in GLSL with a focus on performance and compatibility.
- Integrated MDX workflow to offload rendering of written content and improve maintainability.
- Used custom Tailwind styles for code minimalism and scalability throughout the project.

Polyrhythmic Rings

polyrhythmic-rings.vercel.app

React.js, SVG Filters, Framer Motion, Radix UI

- Used React to manage the state and Framer Motion to handle the smooth layout transitions.
- Incorporated SVG masks and patterns to create stunning animations.
- Using SVG filters to create the strings/chords, bridging the gap between sound and visuals.

EXPERIENCE

Junior Full Stack Engineer

Mar 2022 - Aug 2022

AvenueHQ, Vancouver, BC

- Worked on a digital marketing tool for realtors through North America.
- Built a performant client facing API-driven application in React.
- Used Laravel and SQL to build fast, efficient and scalable databases and APIs.

Software Engineer

Sep 2019 - Oct 2020

Outlined.co, Bengaluru, India

- Developed and maintained the company's product marketing website and flagship design platform using FabricJS and Laravel.
- Built a PDF to HTML/CSS to HTML Canvas converter using JavaScript and Shell Scripting to import and export design files on the browser.
- Implemented API Integration for data storage, social media interaction, text sentiment analysis, and stock image services.

EDUCATION

Post-Graduate Diploma - Web & Mobile App Design and Development

Sep 2020 - Jan 2022

Langara College, Vancouver, BC

"Graduation with Distinction" - awarded December 2021.

Bachelor of Technology (B.Tech.) - Information Technology

Aug 2015 - Jul 2019

Manipal University Jaipur, Jaipur, India

SKILLS

React, Next.js, TypeScript, Framer Motion, Tailwind, SVGs, WebGL, MDX, Laravel, PHP, MySQL, NoSQL

CERTIFICATIONS

The Joy of React

2023

Josh W Comeau