

SWAPNIL BHATTACHARYA

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EDUCATION

The Heritage Academy
Bachelor of Computer Applications

August 2021 - June 2024

Symbiosis Institute of Computer Studies and Research
Masters of Science in Computer Applications

June 2024 - (appearing)

PROJECTS

NovaX | Next.js, ShadCN, React, Sanity, TypeScript, Sentry, Markdown, TailwindCSS | [LINK](#)

March-2025

- **Real-time Pitches:** The homepage features the latest startup ideas, dynamically pulled via Sanity's Content API.
- **GitHub Login & Dashboard:** Users can sign in with GitHub and manage their submitted pitches through a personal dashboard.
- **Pitch Submission:** Entrepreneurs can submit ideas with a title, description, category, and optional media.
- **Explore & Filter:** Users can browse and filter pitches by category, with an advanced search for quick discovery.
- **Detailed Pitch Pages:** Each idea has its page with full descriptions, view counts, and embedded media.
- **Editor's Picks:** Admins can feature standout pitches using Sanity Studio's curated section.

Careerio | Next.js, ShadCN, React, Clerk, Prisma, PostgreSQL, Google, Gemini, Sentry, TailwindCSS | [LINK](#)

April-2025

- **AI-Powered Resume Builder** - Generate polished resumes tailored to your industry
- **Smart Cover Letter Generator** - Create compelling letters in seconds
- **Interview Simulator** - Practice with industry-specific questions
- **Career Insights** - Get personalized recommendations
- **Secure Authentication** - Powered by Clerk

DevFlow | Next.js, ShadCN, React, NextAuth, OpenAI, TypeScript, MongoDB, TailwindCSS | [\(WIP\)](#)

June-2025

- **Authentication & Profiles:** Secure sign-in with NextAuth (Email/Password, Google, GitHub) and rich user profiles with badges, activity history, and community browsing.
- **Home & Recommendations:** A dynamic home page featuring questions, personalized suggestions, filters, search, and pagination for easy navigation.
- **Q&A Experience:** View detailed questions and answers with rich content (images, code), voting, view counts, bookmarking, and AI-generated responses.
- **Answer Management:** Post answers using a modern MDX editor with light/dark mode, filter by votes or recency, and vote on quality responses.
- **Content Discovery:** Explore tags, collections, and global search across questions, users, and more—supported with filters and pagination.
- **Job Board & Responsiveness:** Discover jobs based on location, and enjoy a high-performance, responsive design across all devices.

SKILLS SUMMARY

- **LANGUAGES:** Java, JavaScript, TypeScript, Python, Markdown, CSS, HTML5
- **FRAMEWORKS & LIBRARIES:** Bootstrap, Drupal, EJS, Express.js, JWT, MUI, Nodemon, Node.js, Next.js, NPM, React Hook Form, React Router, React Query, React Native, React, Three.js, TailwindCSS, Vite, WordPress
- **DATABASE & CLOUD:** Azure, Firebase, Netlify, Render, Vercel, Anaconda, PostgreSQL, MySQL, MongoDB, Prisma
- **TOOLS:** VS Code, IntelliJ IDEA, WebStorm, Figma, Framer, Canva, Blender, Git/GitHub, Babel, Jira, Notion, Obsidian, Postman

CERTIFICATES

The Complete JAVA Certification Course - Udemy | [LINK](#)

August, 2021

Problem Solving (Basic) - HackerRank | [LINK](#)

August, 2023

Introduction to Back-End Development - Meta | [LINK](#)

September, 2024

React (Basic) - HackerRank | [LINK](#)

June, 2025

LINKS

Portfolio: swapnil-bhattacharya.vercel.app

Stackoverflow: stackoverflow.com/users/23571756/swapnil-bhattacharya

Twitter/X: x.com/zelttrax15