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Shivam Kumar Shaw

Full Stack Developer

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EXPERIENCE

SD Intern / YellowPerp

Aug 2024 — Present

GrowthPurple Technologies

Remote

- Developed and deployed an SAT preparation platform using Laravel, React, and MySQL, with prior experience working on Django-based projects.
- Designed the UI, built, and deployed backend APIs for seamless functionality.
- Integrated PayPal payment system and implemented a quiz feature.
- Created a user-friendly back-office for efficient data management.

SKILLS

Programming Languages	C/C++, JavaScript, Typescript, Python, Java
Tools & Platforms	Git, GitHub, Vercel, Firebase, Postman, LeetCode
Frameworks & Libraries	React.js, Next.js, Node.js, Tailwind CSS, React Native, Sass, Material UI
DBMS and ORMs	SQL (MySQL, PostgreSQL), MongoDB, Mongoose, Prisma

PROJECTS

CodeGyaan([Link](#))

Nov 2023 — Feb 2024

- Engineered a robust EdTech platform, **CodeGyaan**, utilizing **React.js**, **Tailwind CSS**, **MongoDB**, **Node.js**, and **Express.js**, featuring a responsive UI.
- Designed a comprehensive user dashboard for students and instructors to enhance collaboration and learning.
- Developed **CodeGyaan CourseBuilder**, empowering instructors to efficiently create and publish engaging courses.
- Integrated **Razorpay** for seamless payment processing and implemented **OTP authentication** for secure user access.
- Added a job portal feature with daily job updates, search functionality, and an add-to-cart option that updates instantly, along with **video streaming** capabilities for an immersive course delivery experience.

Chat App([Link](#))

June 2024 — July 2024

- Engineered a cutting-edge **PERN stack** application with **TypeScript** and **TailwindCSS**, ensuring seamless and responsive user frontend experience.
- Architected robust **real-time communication** and **online user status** using **Socket.io** and **React Context**, enabling dynamic interactions.
- Implemented advanced **authentication and authorization** protocols with **JWT**, fortifying application security.
- Engineered a fault-tolerant architecture with meticulous
- Leveraged **Zustand** for streamlined global state management and implemented meticulous **error handling** strategies across server and client, ensuring exceptional reliability and performance.

Protube([Link](#))

Aug 2023 — Sep 2023

- Developed a YouTube clone platform with **dynamic page rendering** and **responsive design** using **React.js** for enhanced user interaction.
- Implemented **Tailwind CSS** for sleek and modern styling, ensuring a visually appealing interface.
- Leveraged **Rapid API** to enhance functionality, enabling features like community posts, related videos, and an advanced search system.

EDUCATION

Asansol Engineering College

July 2022 — June 2026

Bachelor of Technology in Computer Science and Engineering — 8.43 YGPA

Asansol, West Bengal

Coursework : Algorithms and Data Structures, Database Management Systems.

J.K.R.R Hindi +2 High School

April 2020 — April 2022

Senior Secondary — 89.5%

Dhanbad, Jharkhand

Swami Vivekananda School, Chirkunda

May 2010 — April 2020

Junior Secondary — 76.8%

Dhanbad, Jharkhand

ACHIEVEMENTS AND EXTRA-CURRICULAR

- GDSC AEC CP Facilitator**: Earned this position by clearing several competitive rounds.
- Coding Competition Achievement**: Secured 2nd position among 100 participants in a college coding competition.
- DSA Proficiency**: Solved over 300 DSA questions on LeetCode and GeeksforGeeks.
- Organized CP Competition**: Successfully organized a competitive programming competition.
- Rebase Online Hackathon**: Secured 8th rank in the Rebase online hackathon.