

Sayandeep Dey

+91 7602551454 | deysayandeepdev@gmail.com | linkedin.com/in/sayandeep-dey-2a0aba227 | github.com/Sayandeep06

EDUCATION

Techno India University

Bachelor of Technology in Computer Science, Specialization in AI, GPA: 8.3

Kolkata, WB

Sept 2021 – Aug 2025

Krishnagar Academy

ISC, ICSE 90%, 94% respectively

Krishnagar, WB

Apr 2016 – Apr 2020

PROJECTS

Soundroom | Next.js, Tailwind CSS, Next-Auth, Vercel

Apr 2025

- Launched a real-time collaborative music app where users can create party rooms, add songs, and vote on tracks to decide the play order
- Designed to prioritize group input over individual control—unlike Spotify, playback is dynamically adjusted based on collective votes
- Integrated Google OAuth via NextAuth for secure and seamless user authentication

HuddleX | Next.js, Stream SDK, Clerk, Tailwind CSS

Mar 2025

- Deployed a seamless video conferencing and collaboration platform, leveraging Stream SDK for real-time communication.
- Integrated user authentication via Clerk, ensuring secure and hassle-free access across devices.
- Optimized video streaming and UI responsiveness using Tailwind CSS and Next.js, delivering a smooth, lag-free experience with minimal load times.

Shoe Web Store | React.js, Tailwind CSS, JavaScript

Jan 2025

- Developed a responsive e-commerce landing page and showcased a curated selection of shoes, enhancing user engagement
- Implemented state management strategies to streamline performance and maintain consistency in styling

Typify Smart Mirror | IoT, Node.js, Google Assistant API, Raspberry Pi, Spotify API, YouTube API

Jul 2024

- Led a team of 5 people in building the project and won Technothon IoT Exposition 2024
- Highlighted leadership and teamwork skills by integrating Google Assistant, YouTube, Spotify, and other APIs to implement voice control, real-time video, audio streaming, and updates

Terraform Web App on AWS | Terraform, VPC, IG, EC2, S3, ALB

Nov 2023

- Automated infrastructure deployment cutting setup and deployment time by 70% and eliminating 90% of manual errors
- Optimized resource provisioning with cost-efficient EC2 instances, reducing cost expenditure by 15% including two subnets in different availability zones, an S3 bucket, IGs, route tables, and a Security Group

EXPERIENCE

Zscaler Zero Trust Cloud Security

Sept 2023 – Nov 2023

Zscaler

- Completed intensive 10-week virtual internship on Zero Trust security frameworks.
- Executed stringent access controls in cloud environments for Zscaler projects, securing over 200 user accounts by limiting permissions based on necessity while maintaining seamless operational efficiency throughout the organization.

TECHNICAL SKILLS

Languages: Java, SQL, TypeScript, JavaScript, HTML/CSS, and Terraform

Developer Tools: Prisma, Node.js, Git, Tailwind CSS, AWS, Postman, Vim, MongoDB, PostgreSQL

Frameworks: React.js, Express.js, Next.js

CERTIFICATES

Google IT automation with Python Professional Certificate

Using Python to interact with OS, configuration management in the cloud, and Bash Scripting Sept 2023 – Oct 2025

AWS SAA C03 prep by Stephane Mareek

Understanding and mastering AWS concepts for the AWS Solutions Architect role and exam prep Oct 2023 – Jan 2024