

# Aniruddh Patel

Portfolio: [aniruddh.dev/portfolio](https://aniruddh.dev/portfolio) | Phone: +91 9770817596 | Email: [anni97708@gmail.com](mailto:anni97708@gmail.com) |  
LinkedIn: <https://www.linkedin.com/in/aniruddh--patel> | GitHub: <https://github.com/aniruddh-patel>

## EDUCATION

### GYAN GANGA INSTITUTE OF TECHNOLOGY & SCIENCES

Bachelor of Technology in Computer Science, GPA: 8.60/10

Jabalpur, MP

Expected May 2025

### NOBLE CHILDREN ACADEMY HIGHER SECONDARY SCHOOL

12<sup>th</sup>, GPA:70.6/100

Jabalpur, MP

April 2020 - July 2021

## PROJECTS

### MOVIE NETWORK - React.js & AWS Tech stack

August 2024 - Present

- Developed a full-stack movie rental site using **React.js**, **AWS Lambda**, **API Gateway**, and **Node.js**, increasing smooth content delivery speed by 35% and **API Gateway** itself can handle **up to 10,000** requests per second.
- Engineered a personalized recommendation system leveraging **DynamoDB** for user data and activity tracking, improving user engagement by 25% and increasing average viewing time per user by 15%.
- Implemented secure authentication and user management with **AWS Cognito**, enhancing user account protection and access control, resulting in a 40% reduction in unauthorized access incidents.
- Optimized website performance by hosting static assets on **AWS S3** and distributing via CloudFront, reducing load times globally by 50% and improving page load speeds for users by 2x.
- Automated integrated notification system via **AWS SNS**, increasing message delivery reliability by 95% and reducing manual intervention by 70%.

### STUDY BUZZ - Bookstore Website (MERN)

April 2024

- Built a bookstore website using **MongoDB**, **Express.js**, **React.js**, and **Node.js**, enhancing user experience with 20% faster page load times and controlled secure user authentication with **JWT** and **bcrypt**, reducing security breaches by 30%.
- Integrated a search bar and category filters for easy book discovery, improving search efficiency by 40%. Also reorganized a server-side admin interface page with **EJS**, boosting efficiency in adding new books by 60%.
- Utilized **AWS S3** with **Multer** for secure storage, ensuring 100% data integrity and achieving 95% test coverage on backend APIs using **Postman**.
- Created a user-friendly interface with **React Router DOM** that facilitated intuitive navigation; the new routing structure has received positive feedback from over 30 members.

### SKYUPDATES - Weather Website (HTML, CSS, VANILLA JAVASCRIPT)

December 2023

- Integrated a user-friendly search bar allowing users to search for weather information by location globally, improving user search accuracy by 30%.
- Employed **RESTful APIs** for efficient data communication, improving data retrieval speed by 25%.
- Utilized vanilla **JavaScript** with ECMAScript 6 (**ES6**) concepts, **HTML**, and **CSS** for frontend development, reducing page load times by 20% and increasing responsiveness across devices.
- Incorporated third-party APIs using the Fetch API for real-time weather data retrieval, enabling accurate weather forecasts with 95% reliability and effective backgrounds that enhancing user engagement by 25%.
- Deployed the application using **AWS S3 bucket**, ensuring 99.9% uptime and providing scalable, reliable hosting for a global user base.

## SKILLS

- **Programming language:** C++, JavaScript.
- **Web Technologies:** HTML5, CSS, JavaScript, React Native trainee, React.js, Node.js, MongoDB, Express.js, RESTful APIs, serverless framework.
- **Platforms/Tools:** Visual Studio, Git & GitHub, Postman, blender 3d, Linux & docker trainee.
- **Additional Skills:** Object-Oriented Programming (OOPs), Data Structures and Algorithms (DSA), Computer Networks (CN), Operating System (OS).

## CERTIFICATIONS

Achieved AWS Cloud Foundation certified, AWS Academy Cloud Architecting, Programming Essentials in C++.