

# Jayesh Patel

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## Professional Summary

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Cloud Computing student with strong knowledge of Full Stack Development, Backend Engineering, and Linux-based deployment environments. Experienced in developing web applications using React and backend technologies along with practical exposure to Docker containers and native Linux machine hosting. Skilled in Java, DSA, cloud fundamentals, and AWS services including EC2. Passionate about scalable systems, cloud infrastructure, and software engineering.

## Technical Skills

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- **Programming Languages:** Java, JavaScript
- **Frontend Development:** React.js, HTML, CSS, Tailwind CSS
- **Backend Development:** Node.js, Express.js, Spring Boot, REST APIs
- **Full Stack Development:** MERN Stack, Client-Server Architecture
- **Cloud & DevOps:** AWS EC2, Docker, Linux Server Management
- **Tools & Technologies:** Git, GitHub, VS Code, Postman
- **Database:** MySQL, MongoDB
- **Core Skills:** Data Structures & Algorithms (DSA), OOPs, Problem Solving

## Education

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<b>Bachelor of Technology (B.Tech) in Cloud Computing</b> Parul Institute of Engineering and Technology	2024 – 2027
<b>Diploma in Computer Engineering</b> Parul Polytechnic Institute	2021 – 2024

## Internship Experience

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**React Developer Intern**  
**Sanimation Studio** 3 Months

- Developed responsive frontend interfaces using React.js.
- Worked on reusable UI components and API integration.
- Collaborated with the development team for improving user experience.
- Gained practical exposure to frontend workflows and project deployment.

## Projects

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### Project 1: MERNProject2024

*Technologies Used: MongoDB, Express.js, React.js, Node.js*

- Developed a full-stack web application to manage dynamic data using the complete MERN architecture.
- Implemented RESTful APIs for seamless frontend-backend communication and secure user data handling.
- Integrated JWT authentication and deployed the application using modern hosting platforms.

### Project 2: NewsApp

*Technologies Used: React.js, JavaScript, REST API*

- Built a responsive web application that displays real-time news articles from multiple categories.
- Integrated a third-party News API for dynamic content fetching and category-based filtering.
- Improved component reusability and optimized frontend state management.

### Project 3: Portfolio Website

*Technologies Used: Next.js, React.js, Tailwind CSS*

- Designed and developed a personal developer portfolio to showcase projects and technical skills.
- Implemented a responsive mobile-first UI with smooth navigation and interactive sections.
- Utilized Next.js features for SEO optimization and deployment performance improvements.

## Technical Experience

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- Hosted and managed websites on native Linux machines.
- Worked with Docker containers for application deployment and environment management.
- Practiced AWS EC2 instance setup and Linux-based server operations.
- Solved DSA problems using Java on coding platforms like LeetCode.

## Achievements

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- Strong understanding of Data Structures and Algorithms using Java.
- Active learner in Cloud Computing and Full Stack Development.
- Built hands-on projects involving frontend, backend, Linux, and cloud technologies.