

SRIMOY RANJAN DAS

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SUMMARY

Full Stack Web Developer specializing in front-end development (React.js, Next.js with TypeScript, Tailwind CSS) and back-end development (PHP, Laravel, REST APIs). Skilled in building scalable, high-performance web applications and optimizing server response times. Basic understanding of AWS services (S3, CloudFront, SNS) and experience with Docker for development environment management. Strong background in creating responsive designs, ensuring accessibility compliance, and achieving seamless cross-browser compatibility.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, HTML5, CSS3, Tailwind CSS

Backend: PHP, Laravel, RESTful API Development

Database: MySQL, MongoDB

DevOps & Tools: Docker, Git, GitHub Actions, AWS (S3, CloudFront, SNS)

Other: System Design, Web Accessibility, Performance Optimization, Agile Development, CI/CD

PROFESSIONAL EXPERIENCE

Junior Software Developer, Benesse India Pvt. Ltd.

Feb 2023 - Present

- Developed and maintained web applications using React and Laravel, enhancing user engagement by 20%.
- Designed and implemented RESTful APIs to improve data communication between front-end and back-end systems, ensuring faster response times.
- Implemented Docker containers, improving development environment consistency and deployment speed.
- Optimized SQL queries and database structures, reducing data retrieval times by 30%.
- Enhanced user experience by improving UI/UX designs using Tailwind CSS, focusing on mobile responsiveness.
- Collaborated with cross-functional teams to troubleshoot and resolve technical issues, improving product reliability.
- Participated in daily standups, sprint planning, and retrospectives to align development goals with team objectives.
- Engaged in peer code reviews, contributing to knowledge sharing and ensuring clean, maintainable code.

EDUCATION

Gandhi Institute For Technological Advancements, Bhubaneswar, Odisha

Aug 2018 - May 2022

Bachelor of Technology in Computer Science

CGPA: 8.59/10

Bhadrak Junior College, Bhadrak, Odisha

2016 - 2018

Higher Secondary Education

80%

PROJECTS

Quiz Management System

Developed a dynamic quiz management platform using React and Laravel, featuring customizable question banks, timer-based quizzes, and real-time result analysis. Integrated Docker for efficient deployment and streamlined development. Implemented responsive UI with Tailwind CSS to ensure accessibility across devices.

School Management Dashboard

Built a Next.js application for managing student data, attendance, and performance reports. Designed RESTful APIs for seamless data exchange with a Laravel backend. Optimized user experience with Tailwind CSS for interactive UI components.

Performance Monitoring and Alert System

Created a monitoring tool using PHP and MySQL to track server performance and application health. Integrated automated alerts via AWS SNS for critical performance issues. Optimized database queries to reduce reporting latency by 30%.

Cloud-based Content Delivery System

Built a scalable multimedia content delivery system using AWS S3 and CloudFront. Developed CI/CD pipelines with GitHub Actions for automated deployment. Reduced content loading times by implementing caching strategies and optimizing AWS configurations.

Multi-vendor E-commerce Platform

Designed a React-based platform enabling multiple vendors to sell products with real-time inventory tracking. Integrated Laravel for payment gateways and order management. Enhanced platform scalability by containerizing deployments using Docker.

ADDITIONAL INFORMATION

Languages: English, Hindi, Odia

GitHub: <https://github.com/srimoy-stack>

Portfolio: <https://elegant-bavarois-ecb606.netlify.app/>