Sunil Tiwari

Results-driven Software Engineer with 5 years of experience developing and maintaining scalable applications using Laravel, React.js, and Python. Proficient in cloud platforms like AWS (S3, EC2, Lambda, RDS), databases such as MySQL, Postgres, and Redis, and tools including Docker, Firebase, and Git. Adept at collaborating with teams to deliver client-focused solutions, ensuring seamless software performance and user satisfaction. Passionate about problem-solving, clean code practices, and delivering high-quality software solutions.

◎ Bikaner, Rajasthan   ☎ +91 6350231370   @ hello@suniltiwari.dev   🔗 https://suniltiwari.dev

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Experience

Sunarc Technologies
Software Engineer
Bikaner, Rajasthan
August 2021 – Present

- Developed and maintained scalable applications using **Laravel**, **React.js**, and **Python**.
- Implemented cloud-based solutions leveraging **AWS services** like S3, EC2, Lambda, RDS, and Lightsail.
- Improved performance and optimized legacy systems by updating older software to meet modern requirements.
- Collaborated with cross-functional teams to deliver client-focused software solutions on time.
- Integrated third-party services and APIs, ensuring seamless and efficient operations.

Taknik Bharti
Software Engineer
Bikaner, Rajasthan
November 2019 – July 2021

- Designed and built applications from scratch using **Laravel** and **React.js** frameworks.
- Maintained and updated legacy software systems to improve reliability and user experience.
- Deployed and monitored applications using **AWS** services like S3 and EC2.
- Worked directly with clients to understand and implement requirements, ensuring high client satisfaction.
- Optimized databases (**MySQL**) to improve performance and query efficiency.

Skills

Programming Languages
Proficient in multiple programming languages for building scalable applications and APIs.

PHP, JavaScript, Python

Frameworks & Libraries
Expertise in modern frameworks for full-stack application development.

Laravel, React.js

Cloud Platforms
Skilled in leveraging cloud services for deployment, storage, and computing.

AWS S3, EC2, Glue, Redshift, Lambda, RDS, Lightsail

Databases
Experienced in designing and managing relational and in-memory databases.

MySQL, Postgres, Redis

Tools & Technologies
Hands-on experience with development tools and technologies for seamless project delivery.

Git, REST APIs, GraphQL, Yarn, npm, Composer, Postman, Firebase, Docker

Soft Skills
Strong interpersonal and organizational skills for effective collaboration and problem-solving.

Problem-solving, Team collaboration, Time management, Client-focused development

Interests

Badminton
Sports, Fitness, Team Play

Chess
Strategy, Problem-Solving, Logical Thinking

Listening to Songs
Music, Relaxation, Creativity

Traveling
Exploration, Culture, Adventure

Education

MGSU Bikaner
Computer Science
70 %
Master's Degree
December 2020 – September 2022

- Completed advanced coursework in Computer Science.
- Developed a strong foundation in software development, problem-solving, and system architecture.

MGSU Bikaner
Biology
60 %
Bachelor's Degree
May 2016 – November 2020

- Gained analytical and research skills through comprehensive study in Biology.
- Demonstrated adaptability in shifting career focus toward software engineering.

Prince School Sikar
PCB
60 %
Senior Secondary
May 2014 – April 2015

- Completed senior secondary education with a focus on Physics, chemistry and biology.

AVM School Nokha
General Studies
70%
Secondary
May 2012 – April 2013

- Successfully completed foundational education.

Languages

English
Limited working proficiency in speaking, reading, and writing.

Hindi
Native or bilingual proficiency in speaking, reading, and writing.

Projects

Cloth Simulation using Three.js
An open-source project demonstrating realistic 3D cloth physics using Three.js and WebGL.

Real-time cloth simulation featuring physics-based animation with WebGL-powered rendering. This project highlights Three.js capabilities for creating interactive visualizations of dynamic 3D cloth behavior.

Three.js, WebGL, Cloth Physics, Simulation, 3D Graphics

🔗 https://github.com/cybertiwari/Cloth-Simulation

Indian Flag Simulation using Three.js
A 3D simulation of the Indian flag waving, built with Three.js.

Interactive 3D rendering of the Indian flag using physics-based cloth simulation. The project showcases the beauty of the Indian flag through dynamic animations and camera controls in Three.js.

Three.js, Indian Flag, 3D Simulation, Physics Animation

🔗 https://github.com/cybertiwari/Indian-Flag

Digital Wedding Invitation
A customizable and interactive digital wedding invitation webpage.

An elegant and responsive wedding invitation webpage featuring countdown timers, animations, and interactive elements like venue maps and downloadable invitation cards.

Wedding Invitation, Interactive Webpage, HTML, CSS, JavaScript

🔗 https://github.com/cybertiwari/WeddingInvitation

Projects

Twins Talk
Streamlit-based multilingual chatbot application

Twins Talk is a conversational AI chatbot developed using Streamlit and OpenAI API. It supports multilingual conversations with a responsive and user-friendly design. The project is tailored for interactive, personalized dialogues and showcases advanced API integration and conversational flow design.

AI Chatbot, Streamlit, OpenAI API, Multilingual, Interactive UI

🔗 https://github.com/cybertiwari/twinstalk

syncRoom
React-based video conferencing application

syncRoom is an open-source video conferencing app built with Vite, React, and Jitsi. It features real-time meeting management, unique room codes, and a responsive user interface. The app is designed for seamless team collaboration with customizable themes using Tailwind CSS.

Video Conferencing, React, Jitsi, Vite, Tailwind CSS

🔗 https://github.com/cybertiwari/syncRoom