






Sunil Tiwari

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Profiles

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Summary

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.

Experience

Sunarc Technologies **August 2021 – Present**
Software Engineer Bikaner, Rajasthan

- 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 **November 2019 – July 2021**
Software Engineer Bikaner, Rajasthan

- 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.

Interests

Badminton

Sports, Fitness, Team Play

Chess

Strategy, Problem-Solving, Logical Thinking

Listening to Songs

Music, Relaxation, Creativity

Languages

English

Limited working proficiency in speaking, reading, and writing.

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Hindi

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

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Education		
MGSU Bikaner	December 2020 – September 2022	
Computer Science	Master's Degree	
70 %		
<ul style="list-style-type: none">Completed advanced coursework in Computer Science.Developed a strong foundation in software development, problem-solving, and system architecture.		
MGSU Bikaner	May 2016 – November 2020	
Biology	Bachelor's Degree	
60 %		
<ul style="list-style-type: none">Gained analytical and research skills through comprehensive study in Biology.Demonstrated adaptability in shifting career focus toward software engineering.		
Prince School Sikar	May 2014 – April 2015	
PCB	Senior Secondary	
60 %		
<ul style="list-style-type: none">Completed senior secondary education with a focus on Physics, chemistry and biology.		
AVM School Nokha	May 2012 – April 2013	
General Studies	Secondary	
70%		
<ul style="list-style-type: none">Successfully completed foundational education.		

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, Flask

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

1. KafeBiz

A Laravel-based coworking space marketplace enabling space owners to list and rent spaces, while renters can search, book, and pay securely. Admins oversee listings and payments with a commission-based model.

<https://www.coworkhub.in/>

- Developed a coworking space marketplace using Laravel and MySQL.
- Implemented AWS services (EC2 for hosting, RDS for database, S3 for media storage).
- Designed user roles: space owners (listing management), renters (booking system), and admin (approvals & payments).
- Integrated secure payment gateways and commission-based transactions.
- Deployed a scalable architecture with AWS services.

Laravel, MySQL, AWS EC2, AWS S3, RDS, Payment Gateway, Marketplace, Web Development

2. Digital Wedding Invitation

A customizable and interactive digital wedding invitation webpage.

<https://github.com/cybertiwari/WeddingInvitation>

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

3. Indian Flag Simulation using Three.js

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

<https://github.com/cybertiwari/Indian-Flag>

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

4. Cloth Simulation using Three.js

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

<https://github.com/cybertiwari/Cloth-Simulation>

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

5. Twins Talk

Streamlit-based multilingual chatbot application

<https://github.com/cybertiwari/twinstalk>

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

6. syncRoom

React-based video conferencing application

<https://github.com/cybertiwari/syncRoom>

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

7. Toll Analytics System (TAS)

Developed a data pipeline for toll transaction processing, integrating TMS and bank data, transforming it via AWS Glue, and storing it in Redshift for reporting and dispute resolution.

🔗 <https://tas.interiseworld.com/login>

- Extracted transaction data from toll plazas and bank APIs, automating processing via Python scripts and AWS Glue.
- Designed a multi-level transformation process using stored procedures, integrating toll and bank data.
- Implemented a Laravel-based dashboard for real-time reporting and dispute transaction handling.
- Developed an image processing pipeline to fetch vehicle images from NAS storage and upload them to AWS S3.
- Ensured efficient data storage and retrieval using AWS Redshift, improving analytics and reporting.

AWS Glue, Redshift, Python, SQL Server, TMS Data, Bank Data, Laravel, Fastag, ETL, Data Engineering

8. QMTool - Call Center Audit & Quality Monitoring System

A Laravel and Vue.js-based web application for auditing and quality monitoring of call center recordings. It enables manual audits, rebuttal handling, calibration, and reporting while ensuring compliance with predefined quality parameters.

🔗 <https://simpliq.qdegrees.com/>

- Developed a web-based **call center audit system** using **Laravel (PHP) and Vue.js**.
- Enabled **manual call audits**, allowing auditors to retrieve call metadata and evaluate recordings.
- Implemented **rebuttal workflow** supporting up to three re-audits for disputed audit scores.
- Designed **calibration management** to ensure accuracy through multi-user verification.
- Built **role-based access control**, supporting Admins, Clients, Partners, Auditors, and QTLs.
- Integrated **reporting and analytics** for agent performance and quality compliance tracking.
- Managed **import and export of audit data**, ensuring smooth workflow automation.

Laravel, Vue.js, Call Center Audit, Quality Monitoring, MySQL, Web Application, PHP, Quality Assurance

9. QuoteNow – Property Inspection & Tradie Job Portal

A platform for property inspections and tradie job management, connecting landlords, tenants, and tradies to streamline service requests, quotes, and job handling. Built with Laravel and React.

🔗 <https://www.quotenow.com.au/>

- Developed and maintained a **full-stack** Laravel + React-based property inspection and job management platform.
- Implemented role-based access control for landlords, tenants, tradies, and inspectors.
- Designed and optimized APIs for seamless communication between frontend and backend.
- Integrated Stripe for secure payment processing and AWS S3 for media storage.
- Enhanced property and job tracking using **real-time notifications and Google Calendar sync**.
- Ensured **high security and performance** using authentication mechanisms and optimized queries.

Laravel, React.js, MySQL, AWS, WebSockets, Stripe, Property Management, Job Portal