

SAURAV KUMAR

Aspiring Cloud & DevOps Engineer

CONTACT

+91 9142613672

saurav316kumar@gmail.com

New Delhi, IN 110059

<https://www.linkedin.com/in/saurav-kumar-2a2980294>

EDUCATION

SRM UNIVERSITY, SONIPAT, HARYANA

CGPA - 8.41 (Pursuing 3rd Year)

N.K BAGRODIA PUBLIC SCHOOL, NEW DELHI

SENIOR SECONDARY (Class 12)

Achieved 83.2% in Board Examinations

Year of Completion : 2023

SECONDARY (Class 10)

Achieved 83.6% in Board Examinations

Year of Completion : 2021

PROFESSIONAL SKILLS

- Leadership & Initiative
- Team Collaboration
- Problem-Solving & Strategic Thinking
- Effective Communication
- Adaptable & Quick to Learn

TECHNICAL SKILLS

- Languages: Python, SQL, JavaScript, TypeScript (Basics)
- Web: HTML5, CSS3
- Tools & Platforms: Git, VS Code, CLI, Docker, Terraform, AWS EC2
- Monitoring & Visualization: Prometheus, Grafana, Node Exporter, SMTP Alerting
- Concepts: OOP, SDLC, Database Management, Microservices Monitoring, Scalable & Maintainable Setup

PROFILE

A motivated B.Tech student specializing in Cloud Engineering and DevOps Automation, with practical experience as former Associate Trainee Engineer at S2DotServe Solutions Pvt. Ltd. Demonstrated ability in creating detailed product documentation and collaborating effectively within team environments. A quick learner with strong foundational skills in software development, eager to apply and expand technical expertise in a challenging role.

WORK EXPERIENCE

Associate Trainee Engineer
S2DotServe Solutions Pvt. Ltd.
New Delhi, India

March 2025 - May 2025

Worked as an Associate Trainee at S2DotServe Solutions Pvt. Ltd., where I migrated a React Native app from JavaScript to TypeScript, ensuring compatibility with the latest iOS versions and improving overall code quality.

- During my intensive training program, I contributed to product documentation and gained exposure to various engineering disciplines. Demonstrated leadership capabilities and commitment to continuous learning in a professional software development environment.
- Spearheaded the partial migration of a React Native codebase from JavaScript to TypeScript, successfully converting critical components and screens.
- This initiative significantly improved developer productivity by catching errors at compile-time, enhanced code readability, and future-proofed the application for easier scaling.
- Ensured seamless compatibility with the latest iOS versions throughout the migration process.
- Developed comprehensive product documentation to enhance user and team experience.
- Guided junior colleagues and participated in cross-functional team rotations.
- Stayed updated with industry trends through continuous learning initiatives.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified DevOps Professional (Oracle)

Validates advanced expertise in deploying and automating applications on OCI. Demonstrates proficiency in key DevOps practices including Infrastructure as Code (IaC), CI/CD, and container orchestration to build scalable cloud solutions.

Introduction to Generative AI (Simplilearn)

Acquired a foundational understanding of Generative AI principles, including the functionality of Large Language Models (LLMs) and their real-world applications.

Associate Trainee Certificate S2DotServe Solutions Pvt. Ltd.

Successfully migrated a React Native application from JavaScript to TypeScript, enhancing code quality and ensuring compatibility with the latest iOS versions.

Microsoft Azure Fundamentals (AZ-900) Microsoft

Validates foundational-level knowledge of cloud services and how they are provided with Microsoft Azure. Covers core cloud concepts, Azure architecture, security, privacy, compliance, and pricing.

INTERESTS

- Competitive FPS Gaming: Enhances strategic planning, rapid decision-making, and teamwork under pressure.
- Culinary Arts: Cultivates creativity, precision, and a methodical approach to problem-solving.

Fincore Monitoring Project

SRM University (2nd Year)

Built a centralized observability and monitoring platform for a microservices-based banking system, enabling real-time visibility, proactive alerting, and scalable deployment of infrastructure and services.

- Instrumented each microservice with Prometheus client libraries (e.g. exposing metrics such as request latency, error rates, CPU/memory usage).
- Deployed and configured Prometheus server to scrape metrics from container endpoints via service discovery / static targets.
- Designed and implemented Grafana dashboards to visualize critical system metrics (latency, throughput, error rates, resource utilization).
- Created alerting rules for critical thresholds (e.g. high error rate, CPU saturation) and integrated notification via SMTP / email.
- Developed Terraform scripts to provision infrastructure (monitoring stack, container hosts, networking) in reproducible / versioned form.
- Automated container deployment with Docker, ensuring consistency and scalability across environments.
- Tested and validated observability pipeline under simulated loads and failure scenarios.