

# SAURAV KUMAR

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Software Engineer | Cloud & DevOps | Microservices

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## EXECUTIVE SUMMARY

Detail-oriented Software Engineer with **6+ months of hands-on industry experience** in designing, developing, and deploying cloud-native applications. Strong expertise in **full-stack development (MERN)**, **AWS cloud infrastructure**, **containerization**, **Kubernetes**, and **CI/CD automation**. Experienced in building **microservices-based architectures**, implementing **GitOps workflows**, and enabling **system observability** using modern DevOps practices. Adept at working in Linux-based production environments and collaborating within agile teams.

## Education

Bachelor of Computer Science

Sarala Birla University, Ranchi

2023 – 2027 | CGPA: 7.5/10

Intermediate (Science)

S.S. Memorial College, Ranchi

2021 – 2023 | Percentage: 71%

## Technical Skills

**Programming Languages:** Java (DSA), JavaScript, C++

**Frontend:** React.js, Tailwind CSS

**Backend:** Node.js, Express.js, RESTful APIs

**Databases:** MongoDB, MySQL

**Cloud & DevOps:** AWS (EC2, S3, IAM), Docker, Kubernetes, GitHub Actions, ArgoCD, Linux

**Monitoring & Observability:** Prometheus, Grafana

**Tools:** Git, GitHub, Postman, VS Code

## PROFESSIONAL EXPERIENCE

**Software Engineer (Intern) – Trionexindia** • Developed and maintained production-grade full-stack web applications using React.js, Node.js, Express.js, and MongoDB  
• Deployed applications on AWS EC2 and managed static assets using S3 •  
Implemented CI/CD pipelines using GitHub Actions for automated deployments •

**Containerized applications using Docker and worked in Linux production environments**

## PROJECTS

End-to-End Microservices Platform (Cloud & DevOps)

- Designed microservices architecture using Docker and Kubernetes
- Implemented GitOps workflows using ArgoCD
- Configured CI/CD pipelines and enabled monitoring using Prometheus and Grafana

ApkaKitchen – Food Ordering Platform

- Built MERN-based food ordering system and deployed backend on AWS EC2

CureWrapplus – Healthcare Service Platform

- Developed REST APIs with role-based access and deployed on AWS

## Achievements

- 3rd Place – Coden Clone Coding Competition (2024)
  - Solved complex algorithmic challenges under timed conditions.
  - Demonstrated advanced knowledge in data structures, accuracy, and speed.
- Hackathon – Online Ticket Booking Chatbot
  - Built a conversational AI chatbot for real-time ticket booking.
  - Integrated backend APIs, user authentication, and NLP-based interactions.

## Languages

English (Fluent)

Hindi (Native)