

# Rajeev Kumar

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## Education

**Jodhpur Institute of Engineering and Technology**

Rajasthan

*Bachelor of Technology in Computer Science, 8.43 CGPA*

2022 – 2026

## Technical Skills & Proficiencies

**Languages:** JavaScript (ES6+), Java, Python, C++

**Frontend & Backend:** React.js, Node.js, Express.js, HTML5, CSS3, RESTful APIs, WebSocket, Microservices

**Databases:** MongoDB, MySQL, PostgreSQL

**Cloud & DevOps:** AWS Lambda, Docker, Kubernetes, Terraform, Jenkins, CI/CD Pipelines, Nginx

**Infrastructure & Monitoring:** Linux, Bash Scripting, Docker Compose, Prometheus, Grafana

**Security & Authentication:** JWT, OAuth 2.0, bcrypt, HTTPS

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

## Professional Experience

**Backend Developer Intern**

July 2025 – September 2025

*Prof-Cess*

*Bhopal*

- Engineered secure payment gateway integration using Python/Flask with Razorpay API, processing 5,000+ daily transactions through authentication systems and third-party API integrations.
- Deployed serverless solutions on AWS Lambda, reducing server costs by 60% while maintaining sub-200ms response times through optimized cloud infrastructure management.

**Software Development + DevOps Trainee**

2024 – 2025

*L&T EduTech*

*JIET Universe, India*

- Built full-stack JavaScript solutions utilizing Node.js backend services with CI/CD pipelines, improving deployment efficiency by 70% through infrastructure automation.
- Established continuous deployment workflows for web platforms, reducing release time from hours to minutes while ensuring optimal performance.

**Full-Stack Development Intern**

May 2024 – June 2024

*Zeetron Networks Pvt. Ltd.*

*Jaipur*

- Developed responsive web platforms using MERN stack handling 10,000+ concurrent users, implementing PostgreSQL and MongoDB database CRUD operations.
- Engineered scalable frontend components using React.js and modern CSS frameworks, integrating RESTful APIs with Express.js backend while adhering to industry-standard design patterns.

## Key Technical Projects

**Pulse-Monitor: SaaS Product for 24×7 Website & Server Monitoring**

May 2025

- Architected cloud-based **SaaS monitoring platform** using **Node.js** and **Express.js** with **MongoDB**, tracking website uptime, server health, and API performance achieving 99% accuracy in real-time monitoring.
- Implemented **alerting, logging, and analytics pipelines** with **SMTP** notifications plus background schedulers for continuous system monitoring and incident response.
- Delivered **cost-efficient monitoring solution** reducing operational expenses by 40% compared to market alternatives while maintaining enterprise-grade reliability and performance metrics.

**Full-Stack E-Commerce Platform with Cloud Deployment**

August 2025

- Designed scalable e-commerce platform utilizing React.js frontend and Express.js backend with NoSQL database integration and secure payment gateway implementation.
- Launched production-ready system using GitHub Actions CI/CD pipeline and Docker containerization with zero-downtime deployment capabilities.

**Real-Time Web Application with Authentication**

June 2025

- Constructed high-performance web solution using Node.js, Express.js, and WebSocket supporting 1,000+ concurrent users with real-time data processing.
- Integrated secure authentication systems featuring JWT tokens, bcrypt password encryption, and session management leveraging MongoDB for enhanced security.

## Certifications & Key Achievements

**Full Stack With DevOps (L&T EduTech)**

**Data Structures & Algorithms (Mind-Luster)**

**AWS Cloud Practitioner Essentials (AWS)**

**AWS Certified Developer (LinkedIn)**