

# SHIVAM KUMAR

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## PROFESSIONAL EXPERIENCE

### Obmondo

*Site Reliability Engineer (SRE)*

October 2025 – Present

Remote

- Scaled Kubernetes infrastructure to **40+ production workloads** with CNPG, Redis operators, achieving **99.9%** uptime
- Built zero-downtime backup monitoring for databases serving **1M+ transactions**, reducing incident response time by **75%**
- Engineered **15+ production Helm charts** with ArgoCD GitOps, cutting deployment time from hours to minutes
- Created **25+ technical runbooks**, reducing infrastructure incidents by **60%** and improving MTTR to **30 minutes**
- *Skills Gained: Golang, Kubernetes, Helm, ArgoCD, Prometheus, Grafana, GitOps, AWS, Infrastructure as Code*

### Linux Foundation

June 2025 – August 2025

*Software Engineering Mentee, LFX Mentorship - CNCF KubeStellar*

Remote

- Architected scalable **plugin marketplace** with complete CRUD workflows, serving 500+ users across **15+ categories**
- Optimized resource filtering with advanced search and RBAC implementation, improving performance by **75%**
- Delivered responsive installation wizard with auto-verification, achieving **98%** success rate and **60%** faster setup
- *Skills Gained: Typescript, React, REST APIs, Golang, WebAssembly, Kubernetes, Microservices Architecture*

### Cloud Native Computing Foundation (CNCF)

March 2025 – May 2025

*Software Engineer Intern - KubeStellar Project*

Remote

- Transformed cluster import into **single-click workflow** with labeled interface managing **100+ distributed clusters**
- Enhanced core **multi-cluster orchestration components** supporting enterprise-scale Kubernetes deployments
- Crafted **3D login interface** with optimized render loop and adaptive layout, boosting UI performance by **40%**

### Infosys Springboard

October 2024 – December 2024

*Full Stack Developer Intern*

Remote

- Launched full-stack **Team Sync platform** with auth, task orchestration, and real-time WebSocket updates for 50+ users
- Constructed project ecosystem handling **500+ tasks** with smart prioritization, user invites, and role-based access control
- Redesigned responsive **collaboration dashboard** with cross-platform compatibility, increasing team productivity by **45%**

## KEY TECHNICAL PROJECTS

### MindMesh – Collaborative Study Platform | Next.js, Node.js, Express, Socket.IO, MongoDB, Redis, WebRTC 2025

- Built full-stack real-time study platform with video calls, whiteboard, and code editor, boosting group productivity by **40%**
- Developed analytics, study tracking, and Razorpay integration, enabling users to optimize learning efficiency by **25%**
- Implemented scalable backend with Redis caching and JWT authentication, reducing latency by **30%**
- Released the platform with REST APIs, Cloudinary, and Nodemailer, achieving **99.9%** uptime with session persistence

### MetaMate – AI Digital Twin Assistant | React, Node.js, Python, MongoDB, Google APIs, Deepgram, LangChain 2025

- Orchestrated full-stack AI digital twin platform with multilingual support, serving **20+ users** across domains
- Integrated automated meeting bot with video recording and transcription, processing **80+ meetings** at **98%** accuracy
- Deployed intelligent scheduling system with Google Calendar integration, reducing missed meetings by **80%**

## EDUCATION

### VIT Bhopal University

Bhopal, India

*Bachelor of Technology in Computer Science and Engineering*

2022 – 2026

- Specialization: Cybersecurity & Digital Forensics
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, DBMS, Computer Networks, Web Development, Software Engineering, Artificial Intelligence, Ethical Hacking, Cloud Computing

## TECHNICAL SKILLS

**Languages:** C++, Go, TypeScript, Python, JavaScript, SQL

**Frontend:** React.js, Next.js, Redux, HTML5, CSS3, Tailwind, Material UI, Three.js, Vite

**Backend & Databases:** Node.js, Express, REST APIs, WebSocket, JWT Auth, MongoDB, PostgreSQL, Redis, Zod

**Cloud & Tools:** Git, GitHub Actions, AWS, Docker, Kubernetes, Postman, Linux, Playwright, CI/CD

## ACHIEVEMENTS

**LFX Mentor - Linux Foundation** – Mentoring **5+ high-impact CNCF projects** with 10+ active mentees

**Admin and Maintainer - CNCF KubeStellar** – Reviewed **200+ pull requests**, led core feature development

**HackSquad 2023 Global Winner** – Top 1% among **5,000+** international development teams