

DevOps Engineer + Linux  
Administrator

Education

EDUCATION

AKS University, Madhya Pradesh  
Bachelor of Technology in Computer Science and Engineering | CGPA: 8.1/10  
Govt. Higher Secondary School Sohawal  
Intermediate | 80%

September 2022 - June 2026  
Satna, Madhya Pradesh  
June 2020 - June 2022  
Satna, Madhya Pradesh

Experience

INTERNSHIP

Rostris Infotech Pvt Ltd, Horamavu, Bangalore (Remote)  
DevOps Engineer and Linux Administrator

Feb 14, 2025 - Present

FREELANCING

He & She Hairfix unisex saloon website | MERN Stack, AWS, Docker  
Ride App | MERN Stack, AWS, Web Socket IO etc.

October, 2024  
December, 2024

HACKATHONS

IBM National Hackathon 2025 | Runner Up  
HackVerse 5.0 | NIT Surathkal, Karnataka  
Thrillx 1.0 | AKS University Satna, M.P.  
Cubicle 3.0 | MasterCard Office, Gurugram

6 Aug - 8 Aug, 2025  
10 Jan - 12 Jan, 2025  
28 September, 2024  
23 September, 2024

Projects

**Custom Memory Allocator** : Designed and implemented a 2MB memory pool with 1KB block management, supporting multiple allocation strategies (First Fit, Best Fit, Buddy System). Built features like verbose allocation tracking, defragmentation, memory leak detection, and detailed block status reporting.

**Decentralized Chess.com** : Built a decentralized Chess platform where players can stake ETH, compete online, and win rewards, bringing a secure and transparent Web3 gaming experience.

**He & She HairFix** : Built "He & She HairFix," a salon management website designed to streamline operations, manage appointments, and enhance the customer experience.

**MyTube** : Developed MyTube, a feature-rich YouTube clone enabling users to upload, stream, and engage with videos in a smooth and interactive experience.

**Personal Portfolio Website** : Designed and developed a responsive portfolio showcasing my projects, skills, and achievements. Built with modern web technologies to ensure fast performance, clean UI, and easy scalability.

Technical Skills

**OS** : Linux ( RHEL BASED (Strong), Ubuntu, Kali, Suse), Windows

**DevOps Tools**: Docker, Kubernetes, Ansible, Jenkins, Terraform.

**Programming Languages**: C/C++, JavaScript, Bash, Shell Scripting

**Fronted Tools** : React.js, Next.js(Basic), Tailwind CSS.

**Backened** : Node.js, Express.js, PHP, WEBSocket.

**Cloud Platforms**: AWS.

**Version Control**: Git, GitHub, GitLab.

**Database Systems**: MySQL, MongoDB

Reaserch Papers

**Enhancing Solar Energy Productivity** : Researched innovative techniques to improve solar panel efficiency, optimize energy output, and integrate advanced technologies.

**SuperKey: Secure Private Key Management in Web3** : Proposed a robust security framework to prevent private key loss in blockchain, ensuring safer and more accessible Web3 interactions.

Achievements

Attended an international conference at VITS College, Satna.

Attended the Indian Engineering Congress Summit in Jabalpur.

Lead a team as a volunteer at the 38th Inter-University (AIU) event at AKS University, Satna.

Member of ADSC (AKS Student Developer Club).

Participated in 4+ hackathons.

Interned as a 3D animator at AKS University for 2 months.

Built and presented a full 3D architecture of AKS University at an international conference in Jabalpur exhibition.