

HARSH KUMAR

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PROFESSIONAL SUMMARY

Aspiring Cloud and DevOps Engineer with hands-on experience in AWS, Linux, Docker, CI/CD pipelines, and Infrastructure as Code. Microsoft Certified in Azure Fundamentals (AZ-900). Skilled in automating deployments using Python and Bash. Seeking an entry-level Cloud or DevOps role to contribute to scalable, reliable infrastructure.

TECHNICAL SKILLS

Cloud: AWS (EC2, ECS, S3, IAM, RDS), Microsoft Azure (Fundamentals)
Containers & Orchestration: Docker, Kubernetes
CI/CD: GitHub Actions
Networking: CCNA (Cisco Certified Network Associate) - trained at BIPARD
Operating Systems: Linux (Ubuntu, CentOS)
Programming & Scripting: Python, Bash/Shell Scripting
Database: MySQL
Git, GitHub

PROJECTS

VitaAI - AI-Powered Health Assistant | github.com/harshcseai/VitaAI-medical-assistant

- Built an AI-powered health assistant web app deployed live, integrating AI APIs for symptom analysis, health Q&A, and personalized wellness recommendations
- Containerized with Docker and deployed on aws cloud infrastructure for high availability and reliability

CI/CD Pipeline - Automated AWS Deployment

- Designed and implemented a CI/CD pipeline using GitHub Actions for automated testing and deployment to AWS
- Configured EC2 instances, S3 buckets, IAM roles, and security groups for production-ready infrastructure using Docker for environment consistency

EXPERIENCE

DevOps Engineer Intern - Bilvaleaf Pvt Ltd.

Sept 2026 - Present

- Assisted in managing cloud infrastructure and deployment environments, ensuring reliable application delivery.
- Worked on CI/CD pipelines to automate application build, testing, and deployment workflows.
- Used Docker for application containerization and supported deployment and environment configuration.
- Troubleshoot deployment and infrastructure issues while monitoring system performance and application availability.

EDUCATION

B.Tech - Computer Science & Engineering (AI), Government Engineering College, Munger, Bihar

2022 - 2026

CGPA: 7.96 | Coursework: Cloud Computing, DBMS, Networking, AI, ML, ANN

Diploma - Computer Science & Engineering, Government Polytechnic, Gaya, Bihar

2018 - 2021

CGPA: 7.94 | Coursework: C/C++, DSA, Operating Systems, COA

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900) - [View Certificate](#)
- CCNA (Cisco Certified Network Associate) Training - Bihar Institute of Public Administration and Rural Development (BIPARD)
- NPTEL - Cloud Computing - [View Certificate](#)
- NPTEL - Introduction to Operating Systems - [View Certificate](#)
- Cisco - Linux Unhatched - [View Credential](#)

LANGUAGES

Hindi (Native) | English (B2 - Upper Intermediate) | German (A1 - Beginner)