

CURRICULUM VITAE

Nikhil B

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Professional Summary

DevOps & Cloud Computing enthusiast with hands-on experience in CI/CD pipelines, containerization, cloud infrastructure, and automation. Trained in AWS, Docker, Kubernetes, Jenkins, Ansible, Node.js, and Next.js. Adept at building and deploying scalable applications, optimizing workflows, and collaborating in cross-functional teams.

Technical Skills

- **Programming & Frameworks:** Node.js, Next.js
 - **DevOps Tools:** Git/GitHub, Jenkins, Docker, Kubernetes (Basic), Ansible
 - **Cloud Platforms:** AWS (EC2, S3, VPC, IAM, ASG, ALB, CloudWatch)
 - **Operating Systems:** Linux (RHEL, Ubuntu, Amazon Linux)
 - **Scripting & Automation:** Shell Scripting, Bash Commands
 - **Web Servers:** Apache HTTP Server, Nginx
 - **Networking:** IP Addressing, CIDR, Subnetting, Route Tables, VPNs
 - **Other Tools:** VS Code, Postman
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Selected Hands-on Projects

- **Kubernetes Deployment of Node.js App** – Deployed a Node.js app on a Kubernetes cluster using Docker containers; configured deployments, services, and scaling.
 - **Persistent Logging in Docker** – Implemented logging with persistent volumes to retain logs after container restarts.
 - **Nginx Reverse Proxy with Node.js** – Configured Nginx as a reverse proxy for a Node.js backend to improve routing and load handling.
 - **Multi-Service Docker with CI/CD** – Built Docker Compose setup (Node.js + MongoDB) and automated builds with GitHub Actions.
 - **Node.js Application Containerization** – Created Dockerfile to containerize a Node.js app for consistent environment setup.
 - **Contact Form App (Next.js + Node.js/Express)** – Developed and deployed a responsive form app with API integration on Vercel & Render.
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Education

- **B.E. Civil Engineering** – Adhiyamaan College of Engineering, Autonomous | 2022 | 9.1 CGPA
 - **HSS** – Swathy Matriculation Higher Secondary School | 2018 | 84.45%
 - **SSLC** – Swathy Matriculation Higher Secondary School | 2016 | 88.37%
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Certifications

- Cloud Computing – Besant Technologies, Bangalore
 - DevOps – Besant Technologies, Bangalore
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Languages

English, Telugu, Tamil, Kannada, Hindi