AKSHAY

Senior Software Engineer | DevOps Engineer

PROFILE

Experienced **Node.js Backend Developer and DevOps Engineer** with 5+ years of expertise in designing and deploying scalable applications. Skilled in **Node.js, NestJS, AWS, Docker, Kubernetes and Terraform**. Proficient in backend development, cloud infrastructure, and automation. Strong problem-solving abilities with a focus on performance optimization and security.

EDUCATION

Pratibha Institute of Business Management - Pune I MCA
Savitribai Phule Pune University [2015 – 2019]

Dr. Babasaheb Nandurkar College - Yavatmal I BCA
Sant Gadge Baba Amravati University [2019 – 2023]

WORK EXPERIENCE

Confidential | Developer Team Lead
12/2024 – Current
- Leading the development of **Stroke InsightZ** and **CXR InsightZ** backend applications using **Python (Flask)**.
- Managing **Azure cloud server creation, deployment and maintenance** to optimize performance and reliability.
- Handling **Docker-based deployments** to ensure smooth operations.
- Collaborating with cross-functional teams to design and implement efficient backend systems.

Confidential | DevOps Engineer
04/2021–11/2024
- Developed scalable **NeuroShield** backend with **Node.js/NestJS**; implemented **OAuth/JWT** authentication.
- Designed AWS infrastructure (**Batch, S3, Lambda**); containerized with **Docker & Terraform**.
- Built secure, standards-compliant DICOM APIs; automated provisioning with **Kubernetes CI/CD**.
- Led **TalentOjo** interview booking system using **Node.js & PostgreSQL**; integrated APIs to improve efficiency by **30%**.
- Optimized **EvergreenClub** APIs; migrated from monolith to **microservices**.
- Implemented **S3**-based image processing and auto-scaling with **AWS Lambda**.

Confidential |IT Support
01/2018 – 01/2019
· Provided IT support and maintained cloud-based software applications
· Assisted in managing network infrastructure and deployment processes.

SKILLS & TECHNOLOGIES

Programming and Backend
• JavaScript (Node.js, NestJS, Express.js, Loopback)
• Python (Flask)

Cloud and DevOps
• AWS (EC2, S3, Lambda, RDS, IAM, vpc, ECR)
• Azure (Azure Functions, AKS, Blob Storage, App Services)
• Terraform, Kubernetes, Docker
• CI/CD (GitHub Actions, Jenkins)

Databases and Tools
• PostgreSQL. MySQL, MongoDB
• Redis for caching and optimization
• Git, Jira, VS Code, Figma, Zeplin

Security and Authentication
• JWT,
• OAuth,
• Role-based Access Control (RBAC)

CERTIFICATIONS

· AWS Certified Developer - Associate, (Certification No: **8CH1R30JNF4110K9**)

· The Complete Full-Stack Web Development Bootcamp. (Certification No: **UC-a8b44a8e-2245-47ae-87df-5b41e413b7e2**)

ACHIEVEMENTS

· Boosted system efficiency by 30% by leading TalentOjo's interview platform and designing AWS-based architecture using Batch, S3, and Lambda.
· Migrated Evergreen-Club backend to microservices with S3 image processing and AWS Lambda for scalability.
· Automated infrastructure provisioning and deployment with Kubernetes, Terraform, and GitHub Actions.