PRANAV SHINDE

Cloud & DevOps Engineer

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Cloud Engineer with hands-on experience in AWS, Azure, and GCP. Proven track record in architecting CI/CD pipelines, orchestrating containerized applications using Docker and Kubernetes, and implementing Infrastructure as Code. Focused on delivering scalable, secure, and automated infrastructure solutions.

TECHNICAL SKILLS

Cloud Platforms: AWS (S3, Lambda, EC2, CloudFront, RDS, IAM), Azure, GCP, Vercel

DevOps & IaC: Kubernetes, Docker, Terraform, GitHub Actions, AWS CodePipeline, CloudFormation, Linux (Bash)

Databases: PostgreSQL, MongoDB, Firebase (Firestore, Realtime DB), Supabase

Programming: TypeScript, Node.js, Next.js, Kotlin, Python, REST APIs

EXPERIENCE

Full Stack Development Intern at *Vital Vistara*   **01/2025 – 04/2025**

- Engineered and deployed scalable cloud-native applications on AWS, ensuring 99.9% availability for production traffic.
- Orchestrated microservices architecture using Docker and Kubernetes, reducing environment inconsistencies across development and production.
- Designed and implemented automated CI/CD pipelines using GitHub Actions and AWS CodePipeline, reducing deployment time by 40%.

Web Development Intern at *Oneqid Technologis, IIT Delhi Research and Innovation Park*   **06/2024 – 08/2024**

- Modernized legacy infrastructure by migrating to a Next.js framework, resulting in a 35% optimization in page load performance.
- Established automated deployment workflows on Vercel, improving core web vitals and increasing Lighthouse performance scores from 65 to 92.

KEY PROJECTS

Skill Learn - Interactive Learning Platform   **09/2024 – Present**

Full Stack Developer | Next.js, AWS, Docker, Supabase

- Architected a secure course media storage solution using AWS S3 with strict IAM policies to prevent unauthorized access.
- Engineered a Docker-based execution service to run untrusted code in a sandboxed environment, ensuring platform security.
- Deployed a scalable backend using Supabase (PostgreSQL) and TypeScript to handle concurrent user sessions.

Athlete Connect - AI Sports Talent Assessment   **08/2024 – 10/2024**

Backend & Cloud Engineer | Firebase, Kotlin, ML Kit

- Implemented real-time data synchronization and secure authentication using Firebase, supporting high-concurrency usage.
- Optimized backend logic for AI-powered fitness assessments (Top 10 National Finalist, Smart India Hackathon).

EDUCATION

B.E. in AI and Data Science   **2023 – Present**

Marathwada Mitra Mandal COE, Pune, India

Diploma in Computer Technology   **2020 – 2023**

BVJNIOT, Pune, India

CERTIFICATIONS

- AWS Certified Developer Associate (2024)
- Azure Fundamentals (AZ-900)
- GCP Associate (In Progress)