

ARUNKUMAR N

DevOps Engineer | Cloud Engineer

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Location: Chennai, India

Professional Summary

Computer Science graduate and aspiring DevOps/Cloud Engineer with hands-on experience building and deploying cloud-native applications on AWS. Skilled in Linux, Python, Bash, Git/GitHub, CI/CD automation, Infrastructure as Code (IaC), and monitoring tools. Interested in infrastructure automation, cloud engineering, designing scalable and reliable cloud systems.

Technical Skills

Cloud: AWS

AWS Services: IAM, VPC, EC2, ALB, ECS, ECR, RDS, S3, Cognito, Route 53, ACM, CloudFront, Lambda, API Gateway, DynamoDB, SQS, SNS, SES, KMS, Secrets Manager, CloudWatch, CloudTrail

Programming/Scripting: Python & Bash

Operating Systems: Linux

SCM: Git & GitHub

Containers: Docker

Orchestration: Kubernetes

CI/CD: GitHub Actions, Jenkins

IaC: Terraform

Monitoring: Prometheus & Grafana

AI Tools: Copilot, Gemini CLI

Project Experience

HabitFlow - Cloud-Native Habit Tracker

AWS ECS | AWS ALB | RDS PostgreSQL | ACM | ECR | Route 53 | Cognito | IAM | Docker | GitHub Actions

- Built and deployed a containerized habit-tracking application on **AWS ECS**
- Used **PostgreSQL on Amazon RDS** database for storing and retrieving habit's data.
- Containerized the application using **Docker** and automated deployment workflows using **GitHub Actions**.
- **Live:** habits.hackack.tech
- **Github:** github.com/hackacks/habit-tracker

Shortener - Serverless URL Shortener

CloudFront | S3 | API Gateway | Lambda | DynamoDB | Cognito | IAM | CloudWatch | Python | GitHub Actions

- Built a serverless URL-shortening application using **AWS Lambda** for backend execution.
- Exposed application endpoints through **Amazon API Gateway**.
- Used **Amazon DynamoDB** for storing URL mappings and retrieving shortened URLs.
- **Live:** shortener.hackack.tech
- **Github:** github.com/hackacks/url-shortener

Education

Bachelor of Computer Science, H.H. The Rajah's College | Bharathidasan University

2023 – 2026

GPA: 7.95 / 10 | 73%

Computer Maths, ST. ARULANANDAR HIGHER SECONDARY SCHOOL

2021 – 2023

Mark: 468 / 600 | 81%