ARUNKUMAR N

arunkumarnagooran68@gmail.com
+91 8190949379
LinkedIn: Arunkumar N
GitHub: @hackacks
Website: arunkumar.is-a.dev
Location: Chennai, India

Professional Summary

Computer Science graduate 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. Leverages AI-assisted tools for cloud architecture, development, and infrastructure automation. Interested in DevOps practices, infrastructure automation, and building 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, SES, KMS, Secrets Manager, CloudWatch, CloudTrail

Programming: Python, Bash

Operating Systems: Linux

SCM: Git, GitHub

Containers: Docker

Orchestration: Kubernetes

CI/CD: GitHub Actions, Jenkins

IaC: Terraform

Monitoring: Prometheus, Grafana

AI Tools: GitHub Copilot, Gemini CLI, AWS MCP

AI-Assisted Development: Cloud Architecture, IaC & Infrastructure Automation, Scripting & Development, Code Review, CI/CD Automation, AWS Resource Analysis, Troubleshooting, Documentation

Project Experience

Hackacks - Personal Portfolio Website

Terraform | AWS S3 | CloudFront | Route 53 | GitHub Pages | GitHub Actions | GitHub Copilot

- Developed a responsive portfolio using **HTML5, CSS, and JavaScript** with **GitHub Copilot-assisted development**.
- Provisioned infrastructure with **Terraform**, using **S3, CloudFront, and Route 53**.
- Automated **CI/CD deployments with GitHub Actions** for repeatable releases.
- **GitHub: github.com/hackacks/hackacks.github.io**
- **Live: arunkumar.is-a.dev** (GitHub Pages)
- **Live: arun.isroot.in** (S3 + CloudFront)

Shortener - Serverless URL Shortener

CloudFront | S3 | API Gateway | Lambda | DynamoDB | Cognito | Python | GitHub Actions | Gemini CLI (AWS MCP)

- Built a serverless URL-shortening application using **AWS Lambda** for backend execution.
- Exposed application endpoints through **Amazon API Gateway**.
- Leveraged **GitHub Copilot** for development, and **Gemini CLI with AWS MCP** to support architecture decisions.
- **Live: shortner.arun.isroot.in**
- **GitHub: github.com/hackacks/url-shortener**

HabitFlow - Cloud-Native Habit Tracker

AWS ECS & ALB | RDS PostgreSQL | ACM | ECR | Route 53 | Cognito | IAM | Docker | GitHub Actions | Gemini CLI (AWS MCP)

- Built and deployed a containerized habit-tracking application on **AWS ECS**.
- Containerized the application using **Docker** and automated deployment workflows using **GitHub Actions**.
- Used **PostgreSQL on Amazon RDS** for persistent application data.
- **Live: habits.arun.isroot.in**
- **GitHub: github.com/hackacks/habit-tracker**

Education

Bachelor of Computer Science, H.H. The Rajah's College | Bharathidasan University — 2023 – 2026
GPA: 7.95 / 10 | 79%

Computer Maths, ST. ARULANANDAR HIGHER SECONDARY SCHOOL — 2021 – 2023
Mark: 468 / 600 | 81%

Certificates

- AWS Cloud Practitioner Essentials