

# Dakshinamoorthy K

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Full Stack Software Engineer with 4 YoE delivering high-performance, scalable systems across legacy, greenfield, and AI platforms. Proven ability to reduce latency, scale infrastructure, and lead teams to ship under tight deadlines—while collaborating with cross-functional teams, backed by a strong understanding of frontend, DevOps, and SRE principles.

## WORK EXPERIENCE

### FinBox, Bengaluru — Senior Software Engineer

FEB 2025 - PRESENT

Skills: GoLang, Fiber, OPA, React, AWS, Redis, Kubernetes, CI/CD, Terraform

#### FinTech Platform Dashboard

- Architected and implemented a scalable authentication and authorization system, meeting enterprise-grade security and compliance standards across all clients
- Achieved <10 ms latency on critical AuthN/AuthZ operations while supporting flexible, fine-grained access policies

### Sahaj Software, Chennai — Full Stack Software Engineer

AUG 2021 - FEB 2025

Skills: Python, Java, Kotlin, Scala, TypeScript, Spark, Airflow, Spring, Pandas, Django, React, CI/CD, Docker, AWS

#### Advertising Data Platform

Built and scaled an AI-driven platform processing 500 GB data per day, to effectively target audiences in Out-Of-Home (OOH) advertising with high precision and minimal cost.

- Redesigned a vital reporting pipeline, reducing processing time for 25 TB of data by 90% (4.5 hours to 30 minutes)
- Eliminated performance bottlenecks in APIs, cutting response times by 60% under sustained load
- Scaled the platform's data footprint from 500 TB to a 3.5 PB footprint @ +1 PB YoY, by enabling new use cases through storage optimization and architectural improvements

#### Connected People Platform

Led a team as the only senior with 5 junior engineers, owning feature planning, delivery, and platform architecture.

- Reduced operational costs by 30% through infrastructure optimization
- Cut lead time for changes from hours to minutes by resolving code quality issues and streamlining CI/CD pipelines

#### HR Application Tracking System

- Built a config-driven workflow engine that extended usage beyond engineering to UX, Finance, and Operations
- Designed, trained, and deployed an adaptive ML model that identified top-potential candidates, reducing time-to-hire by 50%.

#### Time Tracker

Stabilized and enhanced a decade-old legacy platform to meet urgent needs under extreme time constraints.

- Delivered critical features within 1 week to meet emergency requirements
- Improved response times by 80% and enabled 10× data scalability by identifying and resolving key performance bottlenecks

## ACHIEVEMENTS

- Open source Contributor to [Apache Airflow](#), [Marquez](#) and [Bruno](#)..
- Conducted [Workshops](#) on Clean Code and gave [lectures](#) at Cloudera on Data Engineering with Apache Airflow
- [Blog Post](#) on optimising slow lookup queries using Data Engineering Principles.