

# Parikshith G

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GitHub | LinkedIn | YouTube: Algorithm Arena | GFG | Leetcode | Portfolio

## SUMMARY

Software Developer with 18+ months of professional experience delivering high-impact solutions using Golang, Scala, Java, and hybrid cloud systems. Proven track record of optimizing backend performance, migrating complex systems, and implementing scalable microservices. Delivered 60% runtime reduction on critical jobs and accelerated project delivery by 10% with POCs. Passionate about DSA with 530+ Leetcode problems solved and a YouTube channel with 160+ algorithm videos.

## TECHNICAL SKILLS

Languages: Golang, Scala, Java, Python, JavaScript, TypeScript

Backend: Spring Boot, Django, REST APIs, Microservices

Frontend: React, Angular, HTML, CSS

Cloud & Infra: AWS (EC2, EMR, EKS), Docker, Kubernetes, Apache Airflow, Apache Flink

Data & Storage: PostgreSQL, MySQL, MongoDB, Apache Hive, Apache Iceberg, Apache Trino

Tools: Git, Agile, CI/CD

## PROFESSIONAL EXPERIENCE

### Capgemini – Software Developer (Apr 2024 – Present)

- Reduced runtimes of critical backend jobs by ~60%, improving system performance and reducing costs.
- Migrated backend workflow from Golang to Scala, improving modularity and maintainability.
- Built a hybrid Java-Scala app for seamless integration between legacy and new systems.
- Owned end-to-end lifecycle of multiple Golang-based jobs: dev, test, deploy, monitor.
- Deployed multiple services on AWS EC2 and EMR clusters, integrated monitoring via Airflow.
- Delivered high-impact POCs for real time data processing which has had very significant impact on project delivery.
- Collaborated closely with directors and cross-team leads to resolve live prod issues quickly.

### Grant Thornton LLP – Intern (Feb 2023 – May 2023)

- Collaborated with finance-tech teams and gained insight into enterprise-grade deliverables.
- Learned professional communication, time management, and agile execution in corporate settings.

## PROJECTS

### **Cryptography Web Application – Django, Python [\[Github\]](#)**

- Built a secure text file encryption platform using custom symmetric & asymmetric algorithms.

### **E-Commerce Platform – MERN Stack [\[Github\]](#)**

- Developed a full-stack responsive e-commerce app with JWT auth and REST APIs.

### **AI-Driven Flappy Bird – Python, NEAT Algorithm [\[Github\]](#)**

- Simulated neural networks to train an AI agent to play Flappy Bird.

### **CiniFlex – Theatre Management System – Java, Spring Boot, Angular [\[Github\]](#)**

- Built a secure theatre booking microservice platform with JWT and email OTP auth.

### **Mapty Workout Tracker – JavaScript, Geo-Location API [\[Github\]](#)**

- Developed a workout logging app with integrated maps and local storage.

### **Recipe Manager – JavaScript [\[Github\]](#)**

- Created modular frontend for managing, searching, and bookmarking recipes with API integration.

## CERTIFICATIONS

- AlgoExpert : AlgoExpert, SystemsExpert
- Udemy: Udemy
- LinkedIn : LinkedIn Learning
- Coursera: Machine Learning, Supervised Machine Learning , Advanced Learning Algorithms, Springboot Dependency Injection, Getting Started with Go, Concurrency in Go, Java OOP, Agile Software Development, Core Go, Microservices in Go
- AWS Cloud Practitioner
- Azure AZ00

## EDUCATION

### **Master of Computer Applications (MCA) – Jain University (2021–2023)**

Specialization: Storage & Cloud Computing

### **Bachelor of Science (B.Sc.) – St. Aloysius College (2018–2021)**

Major: Physics, Chemistry, Mathematics