


Ashwin Gopalsamy

Engineer. Open Source Contributor. Research Scholar.

To know more about me, please tap the **links** below.

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SUMMARY

A language-agnostic software engineer, tech blogger and an active open-source contributor with around **2 years of experience** in **Full-Stack Development in Golang, Cloud & Platform Engineering**. Flexible to take on any software engineering role that requires high problem-solving skills and strong willingness to learn.

EXPERIENCE

 **Solaris Group | Junior Software Engineer | June, 2022 - Present.**

- Involved and contributed in the architecture, design, development, implementation of highly-resilient, scalable, cloud-native, event-sourced, distributed complex microservices system in Core-Banking Unit.
- Developed Credit Cards product, owning the full lifecycle of product development from design through testing, release and support by interfacing directly with internal teams, guilds and product owners.
- Took ownership of the product I built, ensured on-time delivery, maintained neat documentation and delivered quality code in an efficient manner in a fast-paced, cross-functional, agile, scrum, DevOps environment.

 **Hexaware Technologies | Associate Software Engineer | June, 2021 - June, 2022.**

- Worked on the development of an **enterprise-grade distributed applications** on cloud, for a built from scratch, internal Cloud HRMS Project and an \$115 Billion Automotive Manufacturing Company.

 **Microsoft | Intern | 4 months.**

- Developed an open-source project in JavaScript leveraging **Microsoft Azure Cloud, Power BI, GitHub** for a period of 4 months, in Microsoft's FutureReadyTalent Internship Program.

SKILLS

- Strong **Distributed Systems, Microservices and Cloud Native Architecture** knowledge.
 - Languages:** Golang (Go Programming), Python, JavaScript.
 - Frameworks :** Go Gin, React, Node.
 - Cloud & DevOps :** AWS, Docker, Kubernetes, Terraform, Grafana, Prometheus, Jira, Concourse
 - Databases & Others:** DynamoDB, PostgreSQL, Aurora, Kafka, gRPC, REST, Linux, Confluence.
- and the ability to analyse, use critical thinking and decide when and where to apply the above skills.

EDUCATION

B.Tech Information Technology | CGPA : 8.3

- Hindusthan College of Engineering and Technology, 2017 - 2021.**
 - Ranked as **#1 Coder** in **Skillrack Coding Competition** continuously for 10 weeks. (Language: C++, Java)
 - Revitalized Google Developer Student Club & HiCET Developer Club. Handled multiple roles with enthusiasm and co-ordination within teams. Recognized as the "Notable Alumni" of 2021 B.Tech IT Batch.

CERTIFICATIONS

- Amazon AWS Certified : Cloud Practitioner
- Microsoft Azure Cloud : 3x Certified
- Distinction with Merit in Cambridge University Business English Exam.

LANGUAGES

- Read, Write, Speak **English, German, Hindi.**

RESEARCH PUBLICATION

Intelligent Traffic Orchestration System using Machine Learning - (August, 2022)

- Authored and published my research paper in Machine Learning on Traffic Orchestration in Springer Publication.
- Leverages YOLOv3 Machine Learning Model to switch signal, thereby reducing traffic congestion.