

# Ayngaran Krishnamurthy

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## SKILLS

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**Technical:** GO, Java, Python, JS, .NET, MongoDB, SQL, Kubernetes, Docker.

**Non-Technical:** Problem Solving, Logical Reasoning, Root Cause Analysis, Team Management.

**Tools:** Splunk, Argo CD, Grafana.

## EXPERIENCE WITH TECHNOLOGIES

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- Hands-On experience with programming languages: GO, Java, Python and C#.
- Knowledge on workings of Kubernetes and Docker.
- Experience in working with SQL and NoSQL database MongoDB.
- Hands-On experience in developing Microservices using gRPC and protocol Buffers with GO.
- Hands-On experience working with tools like: Argo CD, Splunk, Grafana and Git.

## EDUCATION

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### Panimalar Engineering College

Bachelor of Engineering

Major in Computer Science & Engineering

Cumulative GPA: 7.94/10.0

Chennai, Tamil Nadu

Aug 2017 - June 2021

### Don Bosco M.H.S.S., Egmore

Higher Secondary Certification

Percentage: 72.6%

Chennai, Tamil Nadu

Jul 2015 - Apr 2016

### Don Bosco M.H.S.S., Egmore

Secondary School Leaving Certificate

Percentage: 88.8%

Chennai, Tamil Nadu

Jul 2013 - Apr 2014

## WORK EXPERIENCE

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### Accenture - ATCI

Chennai, Tamil Nadu

#### Custom Software Engineering Analyst - GO | Java | .NET Developer

Sep 2023 – Dec 2023

- Creating microservices in Go, Java and .NET to analyze their feasibility and limitations whilst coming to terms with some real-world applications.
- Working on end-to-end interactions between cross programmed microservices utilizing various adapters.

#### Custom Software Engineering Associate - .NET Developer

May 2023 – Oct 2023

- Got a chance as a .NET Developer for a Multinational Conglomerate Company and underwent a month-long training on the basics of .NET and successfully cleared the training by clearing all the coding challenges.
- Created an **ADO .Net** based Individual Case Study, and later became a member and team lead for a Group Case Study involving **SQL**, **Aspx.NET**, and **ReactJS**.

#### Custom Software Engineering Associate - Java Developer / Site Reliability Engineer

Mar 2022 – Apr 2023

- Accepted as Java Developer for a Multinational Background Verification Firm, worked on **Spring Boot** microservices as part of a core services team, created new functionalities along with respective UTCs, and performed data manipulation using **MongoDB** and **NodeJS**.
- Created POCs utilizing the **Vaadin** framework and MongoDB to analyze and determine the feasibility and risk factors in migrating the project.
- As part of the Site Reliability Engineering team for **core services**, took over the ownership of multiple modules and ensured that the services worked as anticipated, handling client queries and giving walkthroughs of core services.
- As an SRE in case of any abnormalities in the functioning of the services performed **troubleshooting** and **Root Cause Analysis** to eradicate the issue, took responsibility for Stage and Production environment-based tickets, and handled them for the modules owned.
- I was also awarded a "Shared Success Catalyst Award" for my hard work in this role.

#### Associate Software Engineer - GO Developer

Aug 2021 – Feb 2022

- Selected as GO Developer for a global financial services corporation and created GO Microservices that communicate via an entry point provided to process incoming requests.
- The requests are processed and the resources requested are loaded by help of another microservice, the microservices communicate via **gRPC** protocol that uses **protocol buffers**.

## PROJECTS

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### ODIS – ORDERLY DEMEANOR INSPECTION SYSTEM

May 2021

Developed a hybrid chat-bot to befriend and help emotionally unstable people to stabilize their emotions using Machine Learning Algorithms.

It has emotion detection capabilities through video feed and live chat analysis to help an individual feel better.

### MULTI-HASH

Mar 2020

Designed and implemented to increase security of public accounts by 42% using a restructured hash algorithm.

## INTERNSHIPS

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### Smazee

Jun 2020

Developed a client site with HTML, CSS and JS. Later migrated the project onto ReactJS and hosted it on Google Cloud.

### Hewlett Packard Enterprise

Jun 2018

Developed a .Net based site with mathematical capabilities and authentication mechanism and hosted the same on AWS.

## CERTIFICATIONS & BADGES

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Green Software for Practitioners by The Linux Foundation

Apr 2023

FY 2022 InfoSec Advocate by Accenture

Jun 2022

Power Platform Conversant Gold by Accenture

May 2022

Java Stream Assessment by Accenture

Dec 2021

AI Foundations by IBM

Nov 2020

Machine Learning for Business Professionals by Coursera | Google

Aug 2020

Machine Learning with Python Level 1 by IBM

May 2020

Oracle Cloud Infrastructure Foundations Associate 2020 by Oracle

May 2020

English Score (CEFR Level C1) by British Council

May 2020

Risk Management by IBMI

Oct 2019

Business English Certification (Pass with Merit) by Cambridge Assessment English

Feb 2019

## ADDITIONAL INFORMATION

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### Languages Known:

Tamil, English

### Accomplishments:

Risk Management by IBMI

Published technical research papers in Elsevier & Springer ([link](#)).

### Honors & Awards:

Awarded for Motivational Speaking in College

Manager for College Entrepreneurship Development cell

Shared Success Catalyst Award in Accenture

**More About me:** [Portfolio](#)