

# VISHAL KUMAR

Bangalore, Karnataka

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## Education

### School of Engineering, CUSAT

Bachelor of Technology in Computer Science and Engineering(CGPA of 8.94)

July 2016 - Aug 2020

Kochi, Kerala, India

## Experience

### Publicis Sapient

May 2021 – May 2023

Associate Technology L1

Bengaluru, India

- Worked as Spring boot backend developer at Publicis Sapient. Responsible for creating REST APIs with JPA Hibernate and MYSQL
- Worked on the scheduler and cron jobs to fetch the job details from a third party. Integrated Solr Search with Spring boot application and indexed the API responses after transformation as the document in Solr.
- Worked on AWS Cognito to integrate the user login and used AWS SDK to interact with various services provided by AWS like S3 bucket, EC2, Dynamo DB.

### C3M Cloud Control

Feb 2021 – Apr2021

Software Engineer

Bengaluru, India

- Worked on REST APIs using Spring boot which can be consumed by the client to get all the policy details attached to AWS services with an alert message which indicates that a particular service does not have an appropriate policy attached as per standards. AWS Java SDK was used to fetch policy details.

## Projects

### Image Translator | Python3, Angular, Google Cloud Vision, and Translation API, Anaconda Jupyter Notebook

- A Web app that recognizes the object when you place it in front of your webcam and speaks up its detected label into seven different languages. A convolutional neural network was trained on the CIFAR100 dataset for image recognition with an accuracy of 86.36 and used google cloud translation/speech API for label translation and speech.

### E-commerce Website | Java, Spring Boot, MySQL and Angular

- Developed an E-commerce website using angular as FrontEnd and spring boot as a backend to create REST APIs and MySQL to store the product, user, and order details
- Used Hibernate JPA implementation for ORM mapping and to support CRUD operation to database.
- Used Okta Oauth2 third-party libraries to handle users' registration and authentication.

## Achievements and Certifications

- Highest rating of **1684** and rated as **3\*** at Codechef, which is one of the top sites in terms of participation of programmers across the globe.
- Secured **Global rank of 109** in Codechef's Long Challenge in June 2022 among 18550 participants.
- **Udemy certification in Spring and Spring Boot**. Learnt key Spring Boot 3 features: Core, Annotations, Java Config, Spring MVC, Hibernate/JPA, and Maven
- **Certification in Android Basics Nano Degree by Google Udacity**. The Course was all about the basics of Android development and as part of this course weather app was built.
- **Introduction to Machine Learning NPTEL**. Learnt the basic classifications and clustering algorithms used in machine learning.

## Profile Links

- [Codechef](#)
- [Leetcode](#)
- [GeeksforGeeks](#)
- [Github](#)

## Technical Skills

**Languages:** C++, Java, Python, MySQL

**Technologies/Frameworks/Libraries:** Spring, Spring boot, Angular

## Languages

- Hindi
- English