# VAMSHI KRISHNA MADHAVAN

## SOFTWARE ENGINEER

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in vamshi0104    ⬤ vamshi0104

## Objective

A proactive and fast-learning individual seeking an opportunity to work as a dynamic Software Engineer utilising my analytical and methodical skills and relevant expertise to help the company achieve business goals while adhering to its vision, mission and values.

## Education

**MALLA REDDY ENGINEERING COLLEGE**                                  JUNE 2017 –  JULY 2021
BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE: **9.36/10**

**NARAYANA JUNIOR COLLEGE**                                          AUGUST 2015 –  MAY 2017
HIGHER SECONDARY: **97 %**

**SRI GURUDATTA HIGH SCHOOL**                                                    MAY 2015
SECONDARY: **9.5/10**

## Skills

**Languages:** C, Java, Python, SQL, Basics of JSP and PHP
**Frameworks & Technologies:** Restful Web Services, Spring Boot, Spring Batch, Spring JPA, Spring JDBC, Apache Airflow, Apache Spark, Apache Kafka, Basics of Flask.
**Front End Technologies**: HTML, CSS, JavaScript
**Amazon Web Services** : S3, EC2, ECS, EBS, EFS, EMR, Lambda, DynamoDB, RDS, CodeDeploy, CloudWatch
**Caching Services**: Redis, Ehcache
**Databases:** MySQL, PostgreSQL
**Source Control Systems:** Git, JIRA, Jenkins

## Certifications & Achievements

- Earned Specialisation Certificate on Completion of "Architecting with Google Computer Engine" by Google Cloud.
- Semi-Finalist at TechGig Code Gladiators'2020 competition among 2.5 lakhs participants.
- Certified by HackerRank and Udemy in for Java, Python and Apache Airflow Skill.
- Certified in QEEE program conducted by IIT-Madras in C and Data Structures.
- Earned Experian Spot Award for better collaboration with stakeholders of the product.
- Participated in Virtual Experience Program conducted by JP Morgan and Goldman Sachs.
- Contribution towards open-source projects through HacktoberFest 2019 and 2022.

# Professional Experience

**SOFTWARE ENGINEER**                                                      APR 2021 – PRESENT
EXPERIAN

**Key Responsibilities :**

- Contribution towards the core project (Verification Batch), which provides Verification Reports as a service to many major clients such as Bank of America, American Express etc processing large population consumer data., Worked on the Development of Batch MicroService Based Applications using Spring Boot, and Spring Batch with Integration of different AWS services like S3, EC2, and ECS.Played a critical role in ramping up application TPS(Transactions per second) by 700% within span of 3 weeks.

- Contributing towards the core project (CensusHub), which is a secure data warehouse of all employers with income and employment basic information across different data providers, Primary responsibility is to ingest millions of records everyday and quick turn-around time to search employer data based on SSN, Worked on Development of Big Data Application using Java, Airflow, Redis & different AWS services like S3, EC2, EMR.

**SOFTWARE ENGINEER INTERN**                                             JAN 2021 – MAR 2021
COGNITREE

**Key Responsibilities**: Acquired in-depth familiarity with SDLC with High-level Design through practical problems by working with different frameworks, libraries and APIs.

**PROJECT INTERN**                                                        JUN 2019 – JULY 2019
Electronics Corporation of India Limited

**Key Responsibilities**: Built a Real-Time CRUD Application for Hospital Management using MVC Architecture through JSP.

# Projects

- **Find Me:** Built a Real-Time Accurate Location Finder and Sharing tool.
- **Roma Mart:** A Freelance Project accomplished to Build a Real-Time Retail Store Management System.
- **Time Series Mining Approach for Agriculture Area Detection**: The proposed framework solution uses an AL (Active Learning) approach for time series classification to monitor specific crops in different areas and consists of selecting seasonal time series information using Python.
- **Youtube Media Downloader**: Built a website which can download Youtube Media for free.
- **Vintage Knowledge:** Built an Informative Educational Website to Learn 'C' programming.
- **Text Summarisation:** Built a FLASK Application which generates summarised content for the text uploaded.
- **SforSecure**: Built an Application which validates, predicts password strength suggests robust passwords.
- **Instant WA Messenger**: Built a website to message any contact without saving using WhatsApp open-source API.
- **Turbo Drive**: Built a Drive type application connected to Cloud with CRUD operations.
- **Song Recommender:** Sentiment Analysis through NLP using VADER Model.

# Personal Information

**Hobbies:** Technophile, Blogging, Photography, Listening to Music, Playing Carrom, Cricket and Badminton
**Languages Known:** English, Kannada, Hindi, Telugu, Tamil