

## VAISHNAVI NANDAKUMAR

 LinkedIn[in.linkedin.com/in/vaishnavinandakumar](https://in.linkedin.com/in/vaishnavinandakumar) Stack Overflow[stackoverflow.com/users/15834974/vnk](https://stackoverflow.com/users/15834974/vnk) Github[github.com/VaishnaviNandakumar](https://github.com/VaishnaviNandakumar)

## EDUCATION

**Bachelor of Technology**2018 - 2022 • **9.06**Vellore Institute of Technology,  
VelloreComputer Science and  
Engineering with Specialization  
in Information Security**High School Diploma**2012 - 2018 • **95%**Bharatiya Vidhya Bhavan,  
Kozhikode

Computer Science with PCM

## SKILLS

**Languages**

Python, Java, C++, JavaScript

**Frameworks**Node.JS, Django, Flask,  
Elasticsearch, Kibana**Databases**

MongoDB, MySQL

**Other**HTML, CSS, Bootstrap,  
Machine Learning, Data Science**Source Control**

Git, Bitbucket

BEYOND  
ACADEMICS**Director of Events**

11/2018 - 05/2021

Computer Society of India, VIT

**Secretary**

12/2018 - 02/2021

Toastmasters International,  
Terra VIT**Blogger**

04/2014 - Present

Personal WordPress [Blog](#)

## EXPERIENCE

06/2022 - Present

**VISA Inc**

- Software Engineer

Joined Visa as a full time employee in June where as a part of the VBS (Visa Business Solution) team primarily focusing on data observability.

- Summer Intern

Tasked with the development of a Java based data loader client library that could preprocess different types of events and perform exploratory data analytics on big data using Elasticsearch and Kibana.

05/2021 - 07/2021

**Intel**

Intern

Tasked with the implementation of new vision approaches for DVR based on events using machine learning and computer vision techniques.

01/2022 - 05/2022

**Transerve Technologies**

Intern

Developed technical content for the Transerve Online Stack (TOS), an SaaS platform which included API documentation and user manuals.

10/2021 - 12/2021

**Kid Aptivity Technologies**

Python Instructor

Taught an introductory course to Python for students ranging from 12-18 years of age. Increased enrollment by 40% during the course of the internship.

08/2020 - 12/2020

## PERSONAL PROJECTS

**EduCare - A Resource Contribution Platform**<https://github.com/VaishnaviNandakumar/educare>

A web application for an education driven resource contribution platform that can manage and maintain the interactions between different user profiles.

**DIP - CLI**<https://github.com/VaishnaviNandakumar/dip-cli>

A CLI tool to implement and visualize digital image processing filters on a given input file.

**Flask-WebApp-Templates**<https://github.com/VaishnaviNandakumar/flask-registration-templates>

Customizable login and registration templates made with Flask that offers a choice of DB to be used between MySQL and MongoDB

**ASM Arcade Multiplayer**<https://github.com/VaishnaviNandakumar/assembly>

A multiplayer arcade game created using ASM which can be managed using arrow keys between two players, and displays the game on an 8086 emulator.

**Research Based Blog Series**<https://medium.com/@VaishnaviNandakumar>

A blog series that analyses, demonstrates and explains ML based research papers. A few articles have been featured on Analytics Vidhya and The Startup ( Medium Publications with more than 638k followers) as well.