

# Vasudhevan S

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## EDUCATION

### Btech- Information Technology Ssn college of Engineering

07/2019 - Present

CGPA : 8.8

### Grade 12 Sishya School

05/2017 - 04/2019

Subjects

- Physics
- Maths
- Chemistry
- Computer Science

Grade:92%

## WORK EXPERIENCE

### Security Analyst Ersegment

08/2020 - 03/2021

Provides expert opinions, analysis, and recommendations to organizations or individuals, based on Cyber Security.

Achievements/Tasks

- Did ethical web penetration testing on sites and reported the bugs to the respective websites and got acknowledgements from the companies.
- Did Pen testing on select websites mentioned in the Open Bug Bounty program.
- Used Burp Suite to perform Brute force checking of Sql Injection on websites.

Contact: kartheek chanda - admin@ersegment.com

### Machine Learning Project Intern Shape AI

02/2021 - Present

Achievements/Tasks

- Completed a 4 month training in the field of Machine Learning with Python as the base language.
- Learnt the most common models in AI with live implementation.
- Used scikit learn library to develop a project which compared the efficiency of different models.

Contact: Shaurya Sinha - shapeured@gmail.com

## VOLUNTEERING EXPERIENCE

### National Service Scheme (NSS) (01/2020 - Present)

Civil Rights and Social Action

### Reap Benifit (04/2015 - 02/2016)

Economic Empowerment

## SKILLS

C++

C

Python

Burp Suite

HTML5

## PERSONAL PROJECTS

### Nutrient Tracker for Ssn Gym Students (07/2021 - Present)

- Designing and Developing an android application using Flutter and Firebase for tracking the food intake of the hostel Students
- Using an inbuilt Food menu, catering to the need of the food items available inside Ssn college
- Tracks and Reports the Intake and the net Calories Burnt along with the fat and carbohydrate intake for a Stipulated amount of time

### Customizable Billing System for Shops (09/2020 - 11/2020)

- Designed and developed an application which stores the record of all the items bought by the user and uploads it directly into the database.
- Designed the app using C# and used Microsoft Sql Server as the database.

### Hand-Written-Digit-Recognizer using MNIST dataset (04/2021 - 05/2021)

- Performed a comparative study of 3 different models for the "Hand-Written Digit Recognizer" dataset.
- Used a dataset with 60000 values.
- Trained a Neural Network from scratch with 30 epochs (100 batch size) and achieved an accuracy of 99% with CNN model.

## CERTIFICATES

### Ethical Hacking w.r.t to Web Pen Testing (12/2020)

### Introduction to HTML5 (04/2020)

### Pentest Fundamentals : Scanning Networks (08/2020)

## OTHER INTERESTS

Competitive Programming

Data Structures

Troubleshooting

Chess

Gaming

Music