



## OBJECTIVE

Seeking an entry – level position to begin my career in a high-level professional environment where I can utilize my background skills to the maximum and produce quality results for the better future



## EDUCATION

**Bachelor of Technology | Indian Institute of Information Technology, Kottayam**  
COMPUTER SCIENCE & ENGINEERING, AUGUST 2018 – APRIL 2022  
CGPA: 9.75

**Intermediate | Bhashyam Junior College**  
AUGUST 2016 – MAY 2018  
Percentage: 98.3%

**SSC | Bhashyam Junior College**  
MAY 2016  
CGPA: 10.0



## INTERNSHIPS

### Technical Internships:

- **Full Stack Web Developer | Survey Sparrow**  
7<sup>th</sup> September 2020 – 31<sup>st</sup> December 2020
- **Backend Developer | DbyT Dynamics**  
15<sup>th</sup> July 2020 – 18<sup>th</sup> October 2020  
Project Statement: Bike Fleet Management
- **Machine Learning Intern | UST Global**  
10<sup>th</sup> June 2020 – 14<sup>th</sup> August 2020  
Project Statement: Brain Tumor Detection using MRI Images
- **Web Development Intern | Techvolt Software Pvt. Ltd.**  
29<sup>th</sup> May 2020 – 31<sup>st</sup> August 2020  
Project Statement: Enterprise Resource Planning in Django

- **Data Science and Business Analytics | The Sparks Foundation**  
GRIP Program  
1<sup>st</sup> November 2020 – 31<sup>st</sup> November 2020

### Technical Content Writing

- **Technical Content Writer | GeeksforGeeks**  
September 2019 – July 2020  
Work Samples: <https://auth.geeksforgeeks.org/user/avsadityavardhan/articles>
- **Technical Intern | Sanfoundry**  
August 2019 – November 2019  
Reviewed MCQ's on Data Structures and Algorithms.

### Student Partners and Ambassadors

- **Campus Mantri | GeeksforGeeks**
- **Campus Ambassador | Tata Consultancy Services**
- **Student Partner | Internshala**  
May 2019 – August 2019
- **Student Partner | Bolt IoT**  
Jan 2020 – March 2020

### Virtual Experiences

- **JP Morgan & Chase Co.**  
May 2020 – June 2020  
Reviewed JP Morgan Chase's own working tool perspective and designed a working dashboard for traders to track share values at a particular time in the stock market.



## SKILLS

**Web Development:** HTML, CSS, JavaScript, Bootstrap, PHP, Django, React JS  
HapiJS, REST API, ExpressJS

**Programming:** C, Java and Python

**Databases:** MYSQL, PostgreSQL, Sqlite3, MongoDB

**Other Skills:** Amazon Web Services, Tensorflow, Scikit-learn



## MINI PROJECTS

- **Hospital Management System**  
May 2020 – June 2020  
Project Link: [github.com/AVS18/Hospital-Management-System](https://github.com/AVS18/Hospital-Management-System)
- **Event Registration System**  
March 2020 – May 2020  
Website Link: [enlaceiiitk.herokuapp.com](https://enlaceiiitk.herokuapp.com), [ieeeeiiitk.herokuapp.com](https://ieeeeiiitk.herokuapp.com)
- **Hotel Management System**  
September 2020.  
Link to Resource: [surveyhotel.herokuapp.com](https://surveyhotel.herokuapp.com)
- **Mini Projects in Supervised Machine Learning**  
Worked on Car Price detection, House Price detection, Bank price churn prediction.  
Link to Resource: <https://github.com/AVS18/Machine-Learning-Projects>
- **GoHelp**  
October 2020 – November 2020  
A web based platforms that links workers to customers without a mediator involvement such that worker earns the maximum profit for the work.  
Project Link: [goandhelp.herokuapp.com](https://goandhelp.herokuapp.com) / ([github.com/AVS18/sdp-sem5](https://github.com/AVS18/sdp-sem5))
- **Anthropometry**  
August 2020  
Web Application Tester and Developer in contactless body measurements using Images using bodypix and aruco markers. Currently we are measuring height of the persons.



## TRAININGS AND CERTIFICATIONS

- **Introduction To TensorFlow For Deep Learning**  
Coursera, Online
- **Machine Learning**  
Internshala Trainings, Online
- **Python Programming for Beginners**  
Udemy, Online



## WORK SAMPLES

Github: <https://www.github.com/AVS18>



## POSITIONS OF RESPONSIBILITY

- Founder and Mentor for GeeksforGeeks Student Chapter IIIT Kottayam. I am currently leading the Technical Team of Student Chapters.
- Placement Cell Student Coordinator in IIIT Kottayam AY. 2019 – 20, 2020 – 21.
- Team Manager for Placement Cell Brochure for the Academic Year 2020 – 2021.
- Project Leader for a website designed for enlace (Cultural Fest IIITK) and techsemble (IEEE SB Event). Web Designer for IEEE Student Branch IIIT Kottayam.
- Student Coordinator for webinars organized in IIIT Kottayam.
- AI, Web Development Mentor for Outreach for Resources in Engineering Program organized by IEEE Kerala Section. Received Best Mentor Prize in both categories.
- Selected as Mentor in Crio Winter of Doing.
- IEEE - LINK Kerala Section Web Master for the year 2021.



## HACKATHONS

### 1. MIT COVID 19 Challenge India Turning the Tide

Received \$500 grant from MIT team to extend the project. This project selected as a winner in the track. It focuses on delivering access to quality education in rural and semi-urban areas in times of pandemic

### 2. GovTechThon

This hackathon was organized by NIC India, IEEE and Oracle. Our team was selected as runner-up for the web-based solution which provides API service for websites which requires file uploads. Files uploaded are encrypted, scanned, compressed before storing.

### 3. Version Beta 3.0

It was organized by MANIT Bhopal. Shortlisted to design and demonstrate a web-based solution which links Plasma Donors with the COVID 19 patients.

### 4. HackKochi 3.0

I have developed a Student Management System where students can request academic services, check grades, attendance and create books request to library.

### 5. Hack with Code Warriors

I have created a farming application called safefarm which helps farmers to sell their crops. It is a producer consumer interaction platform.

### 6. Devfolio InOut 7.0

I have created a url-shortner application in the hackathon

All hackathon project submissions are available in the GitHub.



## RESEARCH ACTIVITIES

1. I have worked on Brain Tumor Detection using MRI Images where we used N4LTK package to remove the bias signal in the MRI Images. Our main aim is to create a classifier model to detect the brain tumors (meningioma, glioma and pituitary tumor) by uploading a image. It has procured an accuracy of 85%.

2. I have worked on Tomato Based Leaf Disease Detection where we identified the leaf diseases in plants. We have used LeNET, VGG16 and self-trained CNN model.



## ACHIEVEMENTS

- Secured gold badge in Python, Java and C in Hacker Rank.
- LinkedIn certified Associate in C, Java and Python
- Secured Unified Council Award in 2012 at District level
- Secured a 250 rank in Hacker Earth Machine Learning Global Hackathon in May 2020 among 3000 scholars participated in that hackathon.
- Delivered 2 hours on Introduction to Machine Learning at IEEE Student Branch in Adi Shankara Institute of Engineering and Technology.
- Best Mentor in Outreach for Resources In Engineering (ORE) – A program which makes students Industry Ready. I have received under dual categories Machine Learning and Full Stack Web Development.