

Vedanth Padigelwar

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PROFESSIONAL SUMMARY

- As an international student at Aalto University in Finland, I understood the benefits and challenges of working within a culturally diverse project group.
- Received Amrita Nidhi scholarship of 25% for bachelor's.
- Eager to support in a development-friendly environment and grow along with the organization through value-added contribution by building impeccable and customer valued products.
- Adaptable and transformational leader with an ability to demonstrate exceptional organisational skills and making critical decisions during challenging times.

EDUCATION

AALTO UNIVERSITY

2020

MASTERS IN COMPUTER, COMMUNICATION AND TECHNOLOGY (EXCHANGE PROGRAM)

Deep Learning | Artificial Intelligence | Startup Leadership | Information Visualisation

AMRITA VISHWA VIDYAPEETHAM

2016-2020

B.TECH COMPUTER SCIENCE AND ENGINEERING

CGPA:8.2

Web Development | Cloud computing | Pattern Recognition | Information retrieval

NARAYANA JUNIOR COLLEGE

2014-2016

HIGHER SECONDARY EDUCATION

PERCENTAGE:95

ABHYASA RESIDENTIAL PUBLIC SCHOOL

2008-2014

ICSE

PERCENTAGE:85

EXPERIENCE

AALTO UNIVERSITY

2020 / Finlad

RESEARCHER

- Collected EEG and fMRI information to model relationships between data for predicting fMRI brain neural activity localization's using EEG field potential data.
- Performed pearson correlation and mutual information on data and research over the course of 3 months to test for correlation and documented all findings.

LOKAHITAM TECHNO SOLUTIONS

April,2019-May,2019

INTERNSHIP

- Developed chatbots using cognitive services and google cloud platform.
- Extracted data and developed a Database for Autism.

PROJECTS

APPLYING ML AND DL ALGORITHMS ON ENCRYPTED DATA USING CRYPTOSETS

SEP 2019 - Present

- **Objective:** Applying DL models on encrypted data using CryptoSets.
- **Tools and Techniques:**homomorphic encryption,CNN.

FOOD MONITORING SYSTEM USING IOT

Jun,2019-Oct,2019

- **Objective:** creating a food monitoring system using various sensors and suggesting
- **Tools and Techniques:**Gas, LDR, PH, DHT11, LED sensors, WIFI module, Arduino Uno.

E-COMMERCE FOR FARMERS VRIKSHA

Feb,2018-Mar,2018

- **Objective:** Developing an effective e-commerce marketplace for the farmer-traders-consumers community
- **Tools and Techniques:** Python, Java, HTML, CSS, WordPress, Web application, digital payment method.

DETECTING PLASTIC IN IMAGES AND VIDEOS

JUL,2019-sep,2019

- **Objective:** Identifying plastic presence in the environment using images and videos
- **Tools and Techniques:** using CNN Techniques.

AMRITA IDS/IPS MANAGEMENT SYSTEM

AUG,2019

- **Objective:** creating a real-time IDS/IPS for amrita Coimbatore campus
- **Tools and Techniques:** onion OS with analysis tools.

STUDENT ATTENDANCE MANAGEMENT SYSTEM

Jun,2019-Oct, 2019

- **Objective:** Developing a student attendance management system for student, faculty, HOD.
- **Tools and Techniques:** JAVA, JSP, XML, XSL, XSD, JAVA beans, JAVA Servlet, HTML, CSS.

POPULATION MONITORING SYSTEM

Aug,2019-Oct,2019

- **Objective:** Developing a web page to display analysis on world population in various fields
- **Tools and Techniques:** HTML, CSS, MEAN Stack.

HOTEL MANAGEMENT SYSTEM

Dec,2018-Mar,2019

- **Objective:** Creating a website for booking rooms, online delivery Systems, Table booking.
- **Tools and Techniques:** HTML, CSS, WordPress, JavaScript, PHP, MySQL, Bootstrap.

SKILLS

AREA OF INTREST	Machine Learning Software development IOT Computer Vision
PERSONAL SKILLS	Visionary Teamwork Entrepreneurial Problem solving Critical thinking
PROGRAMMING LANGUAGES	Experienced: Python SQL Java Familiar: HTML Hadoop Javascript PHP Hive
FRAMEWORKS & LIBRARIES	Jupyter Matplotlib Numpy Pandas Scikit-learn Keras PyTorch Tensorflow
OTHER TECHNOLOGIES	LINUX MEAN stack DOCKER GIT Apache AWS
LANGUAGES	Native: Telugu Fluent: English Intermediate: Hindi

ACHIEVEMENTS AND CONTRIBUTION

- 25percent Tuition fee waiver scholarship for B.Tech. course
- Technical Head of CSE department for Anokha, 2019
- Team leader and placed one among the top 10 teams in Smart India Hackathon, 2018
- Organised workshops on open-source(2018) , Deep Learning for Anokha(2019)
- Secured 6th position in a National level competition for Management Skills by SPJIMR, Mumbai
- Sports Captain of CSE Department.
- ASCII club office bearer and Co-Head - Entrepreneurship Programmes.
- Erasmus Student Network(ESN) active member 2020
- Member of tknow, CORE LAB, ACE, NSS

CERTIFICATIONS:

- AWS Certified Cloud Practitioner(2019) [Validation Number: 62YH65N2CM111QKW]
- CS231n: Convolutional Neural Networks for Visual Recognition by Stanford University
- Certified Ethical Hacker(on going)
- Machine Learning (ongoing Coursera-Andrew NG)
- Database Fundamentals by Microsoft(2016)
- HTML and CSS Fundamentals by Microsoft(2016)
- Javascript Fundamentals by Microsoft(2016)
- C# Fundamentals by Microsoft(2016)