

Career Objective

Obtain a position in a reputed organization where I can develop my skills further and become an essential part of organizational growth.

Education

B.E, Computer Science & Engineering 2016-present
JSS Science and technology university,Mysore ,9.33/10

12th (Senior Secondary Examination) 2016
Kerala Board of higher secondary education, 97.3%

10th (Secondary Examination) 2014
Atomic Energy Central School,Mysore
CBSE Board, cgpa-10

Technical Skills

- Programming Languages – C, C++, Python
- Environment-Anaconda Spyder, Jupyter Notebook, MySQL

Academic Projects**Loan Validator Web App for Banks**

Built a loan validation application for banks using Java, J2EE on the eclipse IDE. An ensemble model was used for the classification. An accuracy of 81% was achieved.

Sudoku Image Solver

It is a program that finds the Sudoku square in the image, detects the 81 fields, and identifies the number in the fields that have a number. The output is a solved 9x9 matrix. Open CV library was used. To identify the numbers in the image, tesseract library was used.

Obstacle Avoidance Robotics Vehicle

A robot that avoids obstacles on its way using ultrasonic sensors

Handwritten Digit Recognition

A handwritten digit recognition project using python and tensorflow using concepts of convolutional neural networks and obtained an accuracy of 98.214%.

Real time driver face and activity Recognition

This project used deep learning for building various models for face recognition and driver activity recognition. The best models were then used for real time driver face recognition for intruder detection and driver activity recognition for driver alertness detection. This project used deep learning, Opencv, amazon web services and the twilio API. If an intruder is detected, an SMS gets sent to the vehicle owner along with a picture of the intruder.

Automatic Incident Classification API using NLP, Machine Learning, Flask and MongoDB(ongoing)

Positions of Responsibility

- **Placement Secretary** of class for the year 2019-2020
- **Coordinator** at Ktech Innovation Hub of our campus.
- **Technical Coordinator** at LCC SJCE

Internships

- Interned with Allgosystems, Bangalore, working on a project on advanced driver monitoring system-Jan 2018 to July 2020
- Software Engineering Intern at Cisco Systems- Jan 2020 to June 2020

Achievements

- Got selected by Intuit for a project on Real Time ingestion from Cassandra Ring
- Secured 17th rank in state for NTSE, conducted in the state level by DSERT
- Made it to state level spelling bee competition

Extra-curricular Activities

- Conducted machine learning and python sessions on behalf of LCC SJCE
- Participated in debate and speech competitions. Have represented school and also won prizes for the same.
- Took training in classical music and dance for 5 years. Have also taken the junior exam for Bharatanatyam conducted by govt. of Karnataka.
- Interested in activities such as trekking and swimming.