

Nihaarika Aswatha Jagadish

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Objective

To pursue a challenging career and be a part of a progressive organization that gives scope to enhance my knowledge and skills and to reach the pinnacle of the computing and research field with determination, dedication and hard work.

Technical Skills

Languages:

- ☐ Java
- ☐ Python(intermediate level)
- ☐ C and C++
- ☐ Firebase Database
- ☐ SQL and SQL-lite
- ☐ HTML
- ☐ Flask

Platforms:

- ☐ Android Development
- ☐ Arduino
- ☐ Raspberry pi
- ☐ IoT

Projects

- ☐ **LEAD (Android-App)** - An app for the department of MBA-BNMIT giving information about the past, ongoing and upcoming Events in the department. Done using Android Studio and FireBase(online database) [Download App](#)

- ❑ **Money Bin(IoT , ML and Android) -** The Project Money Bin is an initiative to promote the Swachh Bharat movement, and to provide the public with an incentive to implement cleanliness in their surroundings. Automatic segregation of waste disposed into plastic and non-plastic waste at the time of disposal is implemented using Image classification. Raspberry pi is used as the main processor. [Project Demo](#)

- ❑ **Restaurant Order Management Database -** Restaurant order management database can be used to order from restaurants. It can also be used to add new restaurants dynamically. This project was mainly developed to show the connectivity between database and Front-End : HTML + CSS and JSP Back-End - Mysql.

- ❑ **Graphical representation of Insertion Sort -** A project that shows the implementation of Insertion Sort graphically using OpenGL library.

Education

Bachelor of Engineering computer science VTU

BNM Institute of technology

Currently studying in 6th sem

Aggregate CGPA (upto 4th sem) : 8.6 / 10

XII (Senior Secondary), Science

Year of Completion: 2016

CBSE Board (DELHI PUBLIC SCHOOL)

Percentage : 89.00%

X (Secondary)

Year of Completion: 2014

ICSE Board (Baldwin Co Education Extn High School)

Percentage : 89.00%

Workshops

- Workshop on **Android Application Development**.
- **Virtual Reality Workshop** conducted by ITC-IIT-Mumbai.

Internship:

- Research Internship at Old Dominion University, Virginia, USA on Aggression detection in Alzheimer's patients using Fitbit sensors and Machine Learning.
- Also worked on Application to automate the process of Repository Generation in Github and auto deployment of Applications using Jenkins and Docker.
- All work during the internship was done under Agile.

Participation and Achievements

- **Hackathon** conducted by Siddaganga Institute Of Technology, Tumakuru.
- Won 2nd place In **Hackathon** conducted at Mangalore Institute of Technology (under ISTE state section) for Money Bin project.
- Funded by the Department of Science and Technology, Karnataka through IEDC for the project **Money Bin**.
- Selected for state level Science and Engineering competition **Anveshana**.
- Paper presentation at RNS Institute of Technology on Fully Automated gates.

Personal Information

- **Father's name:** Jagadish M A
- **Mother's name:** Sujatha Jagadish
- **Languages:** English, Hindi, Kannada, Telugu, Tamil
- **Nationality:** Indian
- **Date of Birth:** August 3rd, 1998