



## SONIA VARGHESE

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### PERSONAL INFO

Date of Birth : 13/10/1997  
Nationality : Indian  
Gender : Female  
Marital Status : Married  
Passport No. : T 7898832  
Mobile No : +91-6366329377

### SKILLS SET

- ✓ Languages: C, C++, HTML, PHP, Java, Java Script, Python
- ✓ JEE Technologies: Servlets, JSP
- ✓ RDBMS: MySQL
- ✓ Markup Languages: HTML, XML
- ✓ Operating Systems: Windows, Linux

### INTERESTS

- ✓ Artificial Intelligence
- ✓ Machine Learning
- ✓ Web development
- ✓ Database management
- ✓ Cyber Security and Cryptography

### LANGUAGES

English \_\_\_\_\_  
Hindi \_\_\_\_\_  
Kannada \_\_\_\_\_  
Tamil \_\_\_\_\_  
Malayalam \_\_\_\_\_

### ABOUT ME

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

### EDUCATIONAL QUALIFICATIONS

- ✓ Bachelor of Engineering (Computer Science) in 2019 with a CGPA 6.75 (up to 8th semester) from the Visvesvaraya Technological University, Belgaum, Karnataka, India.
- ✓ Pre-university course in 2015 with 76.80% from the Karnataka State Board, India.
- ✓ Secondary School Leaving Certificate (SSLC) in 2013 with 84.48% from the Karnataka Secondary Education Examination Board, India.

### MAJOR PROFESSIONAL TRAININGS ATTENDED

- ✓ Completed a 3 months course in C and C++ Programming in Computer World Education Bangalore and Certified in the year of 2016.
- ✓ Completed 15 days course in HTML, PHP, MYSQL, Java Script in Sanford College of Information Technology in the year of 2018.
- ✓ Successfully completed 15 days internship program in the Software Development division of Sanford Technologies about Live Web based software application.
- ✓ Successfully completed 1-month internship program in the Aerospace division, Hindustan Aeronautics Ltd. (HAL).
- ✓ Completed a 3 months course in Masters in IOT And Python (MIOTP) in ISM-University of Skills in the year of 2019.
- ✓ 7 months internship at Control4 (Home automation Company) and Certified as Associate Installer and Automation Programmer.

### ACADEMIC PROJECTS

- ✓ DBMS Mini Project - Wildlife Sanctuary Management using Java and SQL  
The purpose of this application is for smooth administration and to get a brief idea of overall expenses and profit the sanctuary deals with. In this project we have created an application which is easy to access and user friendly. For this application we used the backend as MySQL DB to store the data which is used in the application and J2EE web application as front-end which is a collection of dynamic resources (such as Servlets, Java Server Pages (JSP), and other Java Classes, static resources (HTML pages and images), and configuration files, all organized in a standardized directory.

**Role:** Developer

**Technology Stack:** Java, Servlets, JSP, HTML, MySQL

- ✓ Computer Graphics Mini Project - Minesweeper game in OpenGL  
Minesweeper is a logical game which we might have seen in every version of windows. In this academic project it has been developed on OpenGL (Open Graphics Library) platform. The objective of the game is to clear, an abstract minefield without detonating a mine.

**Role:** Developer

**Technology Stack:** OpenGL

- ✓ Big Data based Intelligent Video Processing  
This project was aimed to reduce storage overhead in evidence management and proposes a highly scalable video surveillance to identify abnormal events in CCTV feeds. It also applies spatial temporal analysis, calculate risk score for events, store evidences with high risk score to database, hash the evidences for efficient retrieval.

**Role:** Developer

**Technology Stack:** Big data - data storage and analysis, Machine Learning - classification, Digital Image Processing- video recognition

### DECLARATION

I hereby declare that all the above statements are true to the best of my knowledge and belief.