

## EDUCATION

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### **Bachelor of Technology in Computer Science**

PES University, Bangalore, CGPA: 8.2/10.00(Till 7th Semester)

### **Class XII**

SMJ PU Science College, Sindhanur, Raichur, Karnataka, 12<sup>th</sup> Grade : 91.50%

### **Class X**

DIL School, Sindhanur, Raichur, Karnataka, 10<sup>th</sup> Grade : 93.12%

## EXPERIENCE

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### **R&D Intern Engineer**

**@Philips**

**Since Jan 2019**

- Working on architectural changes using Philips Inter Process Communication mechanism and designing a new solution to decouple the module from the Main application in order to optimize the performance and memory/storage of the whole application using C/C++ in Microsoft Visual Studio 2015.
- Created a sample application to demonstrate Inter Process Communication using Simple Service Communication Framework (SSCF) by sending data (Primitive Datatypes, Structures, Strings, Custom Objects) between applications.

## PROJECTS

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- **Web Application for Automated Form Filling** : Designed a web application to capture the details of the user from their documents using Optical Character Recognition and filling the form Automatically using AJAX.  
Languages/Frameworks : Python, HTML, CSS, JavaScript, PHP, MySQL, Bootstrap.
- **Web Application for Equation Solver** : Application that solves the algebraic equations which takes coefficients as inputs and outputs the values of the variable(x) and draws a line in the graph using AJAX, Plotify and Algebra.js framework.  
Languages/Frameworks : HTML, CSS, JavaScript, PHP, MySQL.
- **Capture Shell Commands in xv6 OS** : Writing a background process to capture the commands that have been entered on the xv6 shell and writing a system call to display it on the terminal.  
Language : C.
- **Hostel Management System** : Designing a Database and developing a web portal for student and administrators to manage hostel activities.  
Language/Frameworks : HTML, CSS, JavaScript, PHP, MySQL, Bootstrap
- **IOT Smart Home** : Designing a smart home by building a password based door lock system using Arduino and sensors i.e., servo motor, keypad, LCD display, GSM module, Buzzer.  
Language : C/C++.

## SKILLS

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- **Programming Languages** : C/C++, Java and Basics of Python.
- **Web Technologies** : HTML, CSS, JavaScript, PHP, Bootstrap, AJAX.
- **Databases** : MySQL, PostgreSQL, MongoDB
- **Tools/Frameworks** : Microsoft Visual Studio 2015, Github

## CERTIFICATES

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- **Java The Master Course** by Subhash Programming Classes on 12/2017
- **MongoDB Basics** by MongoDB University on 03/2018