

#SB2 , PWD Camp,
Sindhanur, Raichur,
Karnataka, India -584128

AJAY POLICE PATIL

(+91) 88803-77849
ajayppatil100@gmail.com

EDUCATION

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, 12th Grade : 91.50%

Class X
DIL School, Sindhanur, Raichur, Karnataka, 10th Grade : 93.12%

EXPERIENCE

R&D Intern Engineer	@Philips	Since Jan 2019
<ul style="list-style-type: none">• 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

- **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 co efficient 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

- **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

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