

PRACHI BOBHATE

Email id: prachi.b793@gmail.com

Contact no: 9702812884

Career Objective:

Astute Software Engineer enthusiastic about developing practical and time-saving software solutions. Adept at identifying issues with existing software. Committed to working within client and project specifications to deliver cost-effective timely results.

Educational Qualifications:

Course: Computer Engineering

Institution: Pillai's College of Engineering

Semester	I	II	III	IV	V	VI	VII	Aggregate
C G P A	5.25	5.95	5.0	5.18	6.0	5.75	7.88	5.9

Examination	Board	Year	Percentage %
H.S.C.	Maharashtra State board	2011	63.50
S.S.C.	Maharashtra State board	2009	76.46

Projects:

● **B.E Project on Smart Drip Irrigation Using Fuzzy Logic**

Developed an intelligent drip irrigation system to optimize water and fertilizer use for agricultural crops using wireless sensors and fuzzy logic. Used sensor nodes, hub and control unit in the wireless sensor network which collected real-time data such as soil humidity and sent to the hub using the wireless technology. The hub processed the data using fuzzy logic and decided the time duration for keeping the valves open which implemented the drip irrigation system for a particular amount of time. Controlled and monitored the system using cellular text messages. Implemented the system to quickly and accurately calculate water demand amount of crops, which can provide a scientific basis for water-saving irrigation, as well as a method to optimize the amount of fertilizer used.

Technologies used: Arduino Kit, Java, Arduino IDE.

● **Laptop, Tablet and Desktop shopping website**

Designed an online shopping website for selling electronics items. Concentrated more on making it user friendly. Used PHP for the front end and HTML and CSS for web interface and achieved good performance in navigating through web pages. Stored the results in a database that could be retrieved using SQL.

Technologies used: HTML, PHP, CSS, JAVA script and MySQL.

● Shut Window Application

Designed an application as a part of interest to shut down or hibernate the computer using a timer. Implemented multi-threaded programming in Java to track the operations of the threads. Developed an interactive user interface using Java swings and Java AWT.

Technologies used : Java AWT, Java Swings, Multi-threading in Java, Eclipse.

Technical activities:

Actively participated in workshop of ANDROID conducted by CSI.

Actively participated in workshop of PHP-MySQL conducted by CSI.

Attended workshop of Augmented Reality conducted by IEEE.

Pursued a course of core Java and advanced java from NIIT.

Scored 17.85 marks in GATE 2017 exam.

Attended the course Introduction to Modern Application Development arranged BY NPTEL.

Participated in Transform Maharashtra event organized by Maharashtra Government.

Technical Skills:

Java, Html, PHP, CSS, C, C++, MS-Office, MySQL

Hobbies/Interests:

- Listening to songs.
- Writing poems.
- Playing Badminton.
- Travelling to various places.
- Drawing and Craft.

Personal Information:

Name : Prachi S. Bobhate

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Indian Languages Known : English, Hindi, Marathi, Sanskrit.

Driving License : Yes

Nationality : Indian

Passport : Yes

Date of Birth : 01-07-1993

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