

Yogesh Prakash

Bangalore, KA - 560062 || +91 7338403699

yogeshprakash99@gmail.com || LinkedIn: [Yogesh Prakash](#)

Career Objective

Engineering graduate specialized in Mechatronics with passion and commitment to explore and contribute to technology innovations, in and around Industry 4.0 opportunities and solutions. An enthusiastic learner with a passion for working in the software industry to utilize my skills and academic expertise to address pain points around lives.

Education

B.E. Mechatronics

Acharya Institute of Technology, Bangalore, KA | August 2017 – July 2021

10th and 12th Grade

Indian School Muscat, Muscat, Oman | August 2006 – April 2017

Key Skills

C/C++

Flutter

HTML

CSS

JavaScript

LabVIEW

Git

React.js

Python

AWS Setup and Architecture

Linux and Terminal

Internet of Things (IOT)

Raspberry Pi

Tools

Visual Studio Code

Adobe XD

Android Studio

Microsoft Office

Adobe Photoshop

Adobe Lightroom

Internship and Workshop Experience

Redefined Corp, USA | December 2020 – April 2021

Technical Analyst Intern

- Collaborated with the development team to work on the product "Recorem".
- Analyzed the key requirements to improve the efficiency of testing functionalities.
- Was part of the application technical support team for conducting conference for Data engineers in collaboration with "Redefined Corp"

IoT workshop with Android | July 2018

Varistor Technologies Pvt. Ltd.

- Worked on Arduino and created an Android App to control lights connected to Arduino

Sixth Sense Robotics | February 2018

IIT-Delhi

- Worked on a custom microcontroller and built a Line following robot that moves along the path drawn.

Bluetooth Robotics | February 2018

IIT-Delhi

- Worked on a custom microcontroller and built a 4 wheel robot that can be controlled via Bluetooth.

Raspberry Pi and Python based Automation System Design | February 2018

IIT-Delhi

- Learnt about Raspberry Pi. Using Python programming language, created a basic script and also hosted a basic web server using Apache.

Project Work Experience

- Worked on a hobby project "Door Pi"(2018) using Raspberry Pi and gained hands on experience with Python basics as well as Raspberry Pi. The DoorPi is a basic project which sends real time notification alerts as an email which shows if the door was opened. This project was developed to understand the working of home security devices and how they function in real time.
- Passionately accomplished my final year project "Real time motion control of Robot using Kinect" leading a team of 3 members. This project is a control system that includes a small-scale 17 Degrees of Freedom Humanoid Robot chassis which can mimic human gestures with the help of the Xbox 360 Kinect Sensor which will capture the gesture data and will enable the control system to mimic human gestures in real-time.

Extra Academic Activities

- Volunteer, Tree Plantation Project 2019 to create Bio-Diversity Forest at Biopark Bangalore University
- Volunteer, Techsparx CodeATHon 2018: Evaluated programs written by the participants and coordinated activities.

Soft Skills

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|------------------------|----------------------|
| • Creative Thinking | • Student Leadership |
| • Verbal Communication | • Presentation Skill |
| • Learning Agility | |

Personal Details

- ✓ **Date of Birth:** 12th November, 1999
- ✓ **Linguistic skills:** English, Tamil, Malayalam, Hindi, Kannada, French(Basic), German(Basic)