Nirav Patel
Computer Engineer

Contact

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LinkedIn
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Github
https://github.com/niravcenation

Skills

Adaptability

Decision Making

Work ethic

C

C++

Java

HTML

CSS

JavaScript

Python

React.Js

Flutter (Dart Programming)

Internet of Things (IOT)

MySQL

Embedded System developer

Amiable Engineering Intern talented at communicating with technical colleagues and non-technical customers alike. Deftly translates complex engineering ideas into laymen's terms and vice versa. Contributes to projects by providing streamlined, clear communication channels for all stakeholders.

Highly skilled software development professional bringing enormous talents for software design, development and integration. Offering advanced knowledge of in-demand programming languages. Background writing code and developing systems for Dashdot Robotics applications.

Work History

02/2023

Intern
DashDot Robotics

- Created two Flutter applications which can have offline functionalities and online functionalities
- Worked with ESP32 micro-controller
- Learned to use many sensors with this controller
- Also Learned management skills

05/2023 - 01/2024

Software Developer
DashDot Robotics

- Created Android apps with Flutter, leveraging Dart to optimize user experience
- Engineered embedded systems, blending C programming with circuit design for seamless hardware integration.

06/2022 - 07/2022

Intern
Exposys Data Labs

- Created a backend of a basic chatting application using python
- Learned how to work with networking (sessions and servers)
- Created a text, image and document encryption-decryption using key
- Learned different models of cryptography and how to deal with the same
- Also learned how to securely communicate with different devices in cryptography using TDES, AES

Languages

English

Hindi

Gujarati

Education

Higher Secondary Education: Science(PCM)

Shree Narayan Vidyalaya

- Percentage: 78%
- Academic Year: 2018 - 2019
- Board: Gujarat State Education Board

Bachelors in Computer Engineering

Sardar Vallabhbhai Patel Institute of Technology, Gujarat Technological University

- CPI: 7.5
- Graduation with First Class Distinction
- 7.71 GPA/CGPA
- Academic Year: 2019 - 2023
- Leader of Promotion team in Tech fest
- Ecosible Cleanser (Student Startup and Innovation Program), Embedded System Developer, Capstone Project
- Swarm Drones (Robofest 3.0), Embedded System Devloper, Capstone Project

Certifications

C Language for beginners to advance

100 days of Python

Object Oriented Programming with C++

Object Oriented Programming with Java for beginners

ReactJs for Beginners

Flutter & Dart - The Complete Guide

Projects

- Park-Up: Created a project for Parking Management System which is fully automated. It deals with the hardware which includes cameras, scanners and some sensors and software which includes opencv & OCR technology implemented in Python.

- Login-page, Calculator, Basic-chatting-app, Created some of the normal applications in Flutter using Dart language for learning.

- Ecosible Cleanser (Student Start-Up and Innovation programme), Cleaning Robot developed and designed by our team under SSIP(Student Startup and Innovation Program) Cell. Worked in the field of IOT and also worked with some of designing softwares.

Extracurricular Activities

- Volunteered and Participated in different Workshops. Participated in Hackathons at different levels. Organized and volunteered events to increase participation of the students in different college clubs and Technical symposium at different levels. Participated in some sports like kabaddi, skipping and chess at college level. I have tried to accomplished my hobbies like playing cricket for BCA and as an individual also tried body building. Also, as an hobby I love to play Piano, Tennis and Badminton very much