

TIMIR PATEL

GitHub: tp1999 | DOB: 1999-05-28 | 9925222756 | timir.p99@gmail.com | LinkedIn: linkedin.com/in/tp1999

"A self-driven and motivated enthusiast wanting to be always one step better than myself, this is what makes me stand out from a group of engineers in my field."

ACADEMIC QUALIFICATIONS

Vellore Institute of Technology (Andhra Pradesh, India)	May 2021
B.Tech in Computer Science and Engineering	GPA: 8.36/10.00
Navarachna International School Vadodara (Gujarat, India)	May 2017
CBSE – Higher Secondary Certificate: Science	GPA: 9.10/10.00
Navarachna International School Vadodara (Gujarat, India)	May 2015
CBSE – Secondary School Certificate: Science	GPA: 8.40/10.00

SKILLS

Programming & Data Analytics – Node.js, HTML, CSS, JavaScript, C++, Java, SQL, MATLAB, Python, JSON
Industry Software – Firebase, Android Studio, DialogFlow, AWS
Concepts – Web Technologies, Data Structures, Algorithms, Relational Databases, Authentication, Problem Solving

PROFESSIONAL EXPERIENCE

iTechnoSol INC	Gujarat, India
Software Engineering Intern, Software Development	May, 2019 – July, 2019
<ul style="list-style-type: none">Designed and implemented moderately complex software solution using an array of languages.Worked on creating Google Assistant App integrating Google Calendar API and Google Authentication using DialogFlow programmed using Node.js and JSON.Worked on creating Alexa Skill integrating Google Calendar API and Google and Amazon Authentication using AWS programmed using Node.js and JSON.Developed User, Event and Token Real-time Database using Firebase software.Programmed Firebase Cloud functions to perform and tend to POST and GET requests to add, update, delete and modify real-time Firebase Database.Ensured that all project specifications are upheld during and after the development process.Wrote and assisted in preparing training and operating manuals.	

PROJECTS

Football Team Website	Gujarat, India
Software Engineer & Project Manager (Leadership Position)	July, 2020 – Present
<ul style="list-style-type: none">Assisted in planning, designing & developing the website body structure.Developed front-end website using an array of languages, assisted in creating web pages linked to index web page.Developed User Real-time Database using Firebase software.Programmed Firebase Cloud functions to perform and tend to POST and GET requests to add, update, delete and modify real-time Firebase Database.Ensured that all project specifications are upheld during and after the development process.Wrote and assisted in preparing training and operating manuals.Assisted first time coders in learning and developing assigned web-pages and features.	
Personal Website	Gujarat, India
Software Engineer & Creator	May, 2020 – June, 2020
<ul style="list-style-type: none">Planned, designed & developed the website body structure.Developed front-end of website using an array of languages.Ensured that all project specifications are upheld during and after the development process.	
Smart Pup	Andhra Pradesh, India
Software Engineer	Dec, 2018 – March, 2019
<ul style="list-style-type: none">Assisted in planning project specifications and development flow.Built robot structure and body to an appearance of a pup.Programmed Arduino Uno to perform specific functions and movements from the robot when a signal is received from Raspberry Pi using C++.Assisted in the programming of software to detect human face emotions using Python.Assisted in the programming text-to-speech software to detect human emotions from speech tone.Wrote and assisted in preparing training and operating manuals.	

PROJECTS

Obstacle Avoiding Fire Extinguisher Robot

Software Engineer & Project Manager (Leadership Position)

Andhra Pradesh, India

July, 2018 – Nov, 2018

- Assisted in **planning project specifications and development flow**.
- Programmed Arduino Uno** to perform specific functions and movements from the robot when a signal is received from the ultrasonic and fire detector sensors using C++.
- Programmed fire detectors and ultrasonic sensors** along with **water pump** into Arduino Uno using C++.
- Ensured that all project specifications are upheld during and after the development process.
- Wrote and assisted in preparing training and operating manuals.

Industry IOT Automation

Software Engineer & Hardwiring Head

Andhra Pradesh, India

Dec, 2017 – March, 2018

- Assisted in **planning project specifications and development flow**.
- Assisted in the **programming of Raspberry Pi** to help perform and sequence Industry operations using **Python**.
- Built small scale Industry machines to help perform operations in sequence.
- Hardwired** motors and small scale Industry modelling machines.
- Wrote and assisted in preparing training and operating manuals.

Obstacle Avoiding Fire Alarming Robot

Software Engineer & Project Manager (Leadership Position)

Andhra Pradesh, India

Sept, 2017 – Nov, 2017

- Assisted in **planning project specifications and development flow**.
- Programmed Arduino Uno** to perform specific functions and movements from the robot when a signal is received from the ultrasonic and fire detector sensors using C++.
- Programmed fire detectors and ultrasonic sensors** along with **alarm bell** into Arduino Uno using C++.
- Ensured that all project specifications are upheld during and after the development process.
- Wrote and assisted in preparing training and operating manuals.

AWARDS & ACHIEVEMENTS

Interuniversity Soccer Tournament, VITOPIA, VIT

Runners Up (Goalkeeper)

Andhra Pradesh, India

March, 2020

Interdepartmental Soccer Tournament, VIT

Winners (Goalkeeper)

Andhra Pradesh, India

Feb, 2020

Interuniversity Soccer Tournament, VITOPIA, VIT

Runners Up (Goalkeeper)

Andhra Pradesh, India

Jan, 2019

Engineering Clinics, VIT

3rd Runners Up

Andhra Pradesh, India

March, 2018

CSE1001 – Problem Solving Using C++, CAT 2 Examinations, VIT

Winner – Certificate of Merit

Andhra Pradesh, India

Nov, 2017

Overall House Championship, Navarachna International School Vadodara

Winners (Seekers House Captain)

Gujarat, India

March, 2016

RESPONSIBILITIES

Vellore Institute of Technology

Engineering Clinics Project Lead

Andhra Pradesh, India

July, 2018 – Nov, 2018

Vellore Institute of Technology

Engineering Clinics Project Lead

Andhra Pradesh, India

Sept, 2017 – Nov, 2017

Navarachna International School Vadodara

Seekers House Soccer Team Captain

Gujarat, India

July, 2016 – Feb, 2017

Navarachna International School Vadodara

Seekers House Captain

Gujarat, India

July, 2015 – May, 2016

COMMUNITY SERVICE

Each one, Teach one, Navarachna International School Vadodara

Taught 4 uneducated children in basics of English language, Mathematics and Science

Gujarat, India

June, 2010 – May, 2012

REFERENCES

Mr. Chirayu Dalwadi

CEO at iTechnoSol Inc.

chirayu@itechnosol.com

Gujarat, India

Dr. Soubhagya Sankar Barpanda

Associate Professor at Vellore Institute of Technology

soubhagya.barpanda@vitap.ac.in

Andhra Pradesh, India