




SHASHANK SHEKHAR MISHRA

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OBJECTIVE

To pursue a challenging career and be a part of a progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization



EDUCATION

B.Tech Electronics and Telecommunication Engineering

Bharati Vidyapeeth University, College of Engineering Pune

2015 – PRESENT

Marks obtained (aggregate till SEM 6) – 8.2 CGPA = 76%

Higher Secondary School (12th Class) CBSE

Tagore International School, Vasant Vihar, Delhi

2012 – 2014

Marks obtained – 76%

Senior Secondary School (10th Class) CBSE

J.D. Tytler School, Karol Bagh, Delhi

2012

Marks obtained – 10 CGPA



SKILLS

- Programming Language – C, C++, Python
- Framework – Django, Kivy
- Database – SQL, NoSQL
- Cloud Platform – AWS
- IoT integration & development
- Embedded Systems
- Hardware Platform – Raspberry Pi, Arduino, Node MCU ESP8266
- Critical thinking and ability to understand business Use-case
- Team leading, Collaboration, Organizational and Analytical skills
- Knowledge of Microsoft Technologies



PROJECTS & TRAINING

Introduction to Internet Of Things & Embedded Systems

| University Of California, Irvine

Received a course certification in introduction to internet of things and embedded system by University Of California, Irvine from coursera under the guidance of Prof. Dr. Ian Harris

RFID based baggage tracking system using IoT | Intellico

MARCH 2018 - PRESENT

Developing an efficient way to track baggage with RFID tags for airports and airlines using IoT technology to let customers track their baggage from anywhere and anytime to prevent baggage loss and baggage delay and for the airline to efficiently manage the mishandling.

Voice Controlled Smart Home

NOVEMBER 2017

Developed an efficient product to Control your home appliances by using your voice with the help of AWS IoT, Amazon Alexa, and Raspberry Pi to control 4 appliances where Raspberry Pi is used as Alexa Voice client and Paho MQTT client at the same time.

GPS and WiFi Controlled Rover Bot | Modern Robonautics

MARCH 2017

Designed and developed an outdoor rover, capable of autonomous navigation using GPS and Sonar sensors, But which can also be controlled and tracked over WiFi. Here we used NodeMCU-ESP8266 microcontroller and Blynk app to control the rover using a phone.

Hand Gesture Control for Laptop and Pc | BVUCOEP

FEBRUARY 2018

Developed a gesture control system using Leap Motion technique to control Laptop/Computer by combining usage Arduino, Python and ultrasonic sensor.



EXPERIENCE

Internship | Peppercorn Labs

JUNE 2018 – AUGUST 2018

Summer intern at R&D department to work on their ongoing projects in the field of IoT and Backend Development.

Head & Overall coordinator – Entrepreneurship Development Cell | BVUCOEP

JULY 2017 – JULY 2018

Led the entrepreneurship cell of 120 members in an infinite capacity by organizing various activities, initiatives and 3 major state-level events SEC, Startup Conclave-17 and E-summit'18.

R&D Head – Entrepreneurship Development Cell | BVUCOEP

JULY 2016 – JULY 2017

Headed the research and development wing to help fellow members in starting their own venture also organized a Social Entrepreneurship Challenge for the budding entrepreneurs.

Internship | Modern Robonautics

JAN 2016 – JUNE 2016

Explored vast field of robotics and actively worked in the electronics department of the company and contributed to their ongoing projects.



AWARDS & ACTIVITIES

- **Best Delegate Award 2018 at T-Summit : A National Level Technical Summit** out of 30 participating delegates from various top colleges of India including IIT's & NIT's hosted by SRM Chennai.
- Volunteered to organize various startup and Tech. events such as NASSCOM PRODUCT CONCLAVE, Pune Startup Marathon, Hackathon.
- Attended various Tech and Startup Conferences as well as workshops such as SMC Bangalore, AGC Pune, GDG Dev Fest, Mozilla maker party etc.
- Freelance developer