Shubham Divesh

15/3c,sankalpa-4,AA-1C,
Newtown,Kolkata-700156
8056089456
divesh.shubham@yahoo.in
divesh.shubham@gmail.com

EXPERIENCES

Senior Software Engineer,Hyperxchange, Kolkata

January 2020 - present

Working on developing an application where a user can upload the bills and location to get reimbursement amount for an organisation using react,express and node.js.

Worked on developing a prototype of an ioT which collects data of a solar power plant(small) and hits the server (developed on node.js) and after validating data it sends to a database.

Worked on writing entire backend of an employee form with validation using node.js and inserting data to mysql.

Worked on writing API for supporting website using node.js.

Software Engineer,Hyperxchange, Kolkata

April 2018 - December 2019

Worked on making an IoT device which sends the ammonia content of a toilet and an API using node.js which fetches data and sends to mysql database.

Worked on making an Authentication page using Passport.js (Local-strategy) and JSON web token for an internal HRMS System.

Worked on making a rest API for a patent pending algorithm which will detect the price of the refurbished mobile phone.

Worked in building a successful prototype of an automatic mobile phone testing machine using microcontrollers, sensors and electronic circuits. (patent-pending)

Worked on making rest APIs using NodeJs for automatic mobile testing machine.

Worked on making an anti theft box (prototype) for delivering mobile phones which sends SMS and location in every hour.

Worked on handling e-Commerce website using Magento.
worked on making web form using PHP.

Quality Engineering Works, Howrah-implant training

June - july 2015 1 month

Learned about Manufacturing of various types of gears like helical gear

SKILLS

Good Listener
Thinking
Problem Solving
Analytical
Positive Attitude
Willingness to Learn

TECHNICAL SKILLS

Arduino (Intermediate)
Robotics(Intermediate)
PHP (Intermediate)
Auto Cad (Intermediate)
MySQL (Intermediate)
NodeJs(Intermediate)
Rest API (Intermediate)
Python(Beginer)

HOBBIES

Playing Violin

Cycling

Reading

Playing Chess

Reading news

Occasional cooking

LANGUAGES

English,Hindi

for thermal power plant and steel plants, spur gear for small machining operations, bevel gears for shaft etc

EDUCATION

SRM University, Chennai— *B-Tech*

2013-2017

Mechanical Engineering - 8.72/10 CGPA

Kendriya Vidyalaya No-2 AFS ,Tambarm,Chennai
Class X - 8.6/10 CGPA , 2010-2011
Class XII - 81.4%,2012-2013

PROJECTS

Study the effect of surface coating on cutting tool for improved surface finish and cylindricity (Final year project)

Cutting tools without coating experiences greater wear and tear and in this project analysis and comparison of efficiency,surface finish , tool life, cylindricity of the drilled hole is done with the coating of various types with uncoated tool.

Support system for handicapped (Pre-final year project)

A prototype of a support system for handicapped people with the help of pneumatic cylinders,sensors,microcontroller which will easily form a bridge between the floor of coach and platform especially in Indian Railways .

Smart Dustbin (Project for Competition (Shaastra), IIT Madras)

A smart dustbin which has infrared sensors, microcontrollers and gsm module.when the dustbin will be filled completely then infrared sensors detects garbage as an obstacle and immediately sends the sms to the cleaning authority.

Connected Bi-Cycle (Project for Competition Smart-Cities(Shaastra), IIT Madras)

Connected force sensor, tachometer, accelerometer temperature sensor and speedometer to a bicycle which sends every data of applied force, torque, rpm of the wheel to a sql database.

AREAS OF INTEREST

Automation and IoT

Node.js

Robotics

Artificial Intelligence

CO-CURRICULAR ACTIVITIES

Presented paper in "National Conference On Advances In Materials and Manufacturing Techniques 17 ".

Participated in Titan Hackathon event

Participated in Shaastra fest of IIT , Madras (finalist)

Participated in Techkriti fest of IIT Kanpur (Bridge designing and technical event)

Presented idea on rainwater harvesting in urban areas

Presented idea on road safety

Participated in research and innovation expo IIT Madras (semifinals)

Participated in Indian Railways design challenge (upto finals)

Won prizes in various drawing competition and poster making competitions

Played cricket upto regional level

INTERSHIPS

Content Developer in Testbook.com

Creating logical reasoning questions for the preparation of various competitive exams.

Rainwater Harvesting (Project for Sustainable Development Competition(Pragyan), NIT, Trichy)

A smart rainwater harvesting apparatus to conserve water on roads, streets, railway stations etc the apparatus was made using an umbrella in a reverse direction, pneumatic system, water sensor which opens and closes automatically.