

# Abhya Tripathi



## PROFESSIONAL SUMMARY

I'm a B-tech Student with experience in HTML,CSS and Javascript and a keen interest in Development and looking for a job in the same.

Reaching the third year of my engineering undergraduate degree, software development has become a full fledged passion for me and now, I'm looking for resources and organisations to further hone my skills in this field. When I'm not developing, I'm reading articles and short stories or reading up on fitness and well-being.

## EXPERIENCE

### CAMPUS AMBASSDOR

*Imad-Nptel, Online, December 2017-February 2018*

My role was to market the application development course that Nptel offered for the academic year 2018.

### 1ST PRIZE IN PROJECT EXHIBITION COMPETITION

*College level, September-2017*

Participated in a College-level project exhibition with a partner which involved presenting and explaining the project.

### 1ST PRIZE IN BUSINESS IDEA COMPETITION

*College Level, January-2018*

Involved presenting your business or start up idea in front of a panel of judges comprising of startup CEOs.

## PROJECTS

### SUBGRAPH ISOMORPHISM USING VF2 ALGORITHM

Used Neo4j software to load the data using cypher query language and further extend the project to match the subgraphs to the target graphs loaded in the Neo4j software using VF2 algorithm for subgraph matching(NP-Complete problem). The project is designed to run on the Neo4j environment and to allow user to enter a query graph and obtain a target graph. The data used is a dummy database named proteins.zip. All the work is done on proteins database as our sample data.

### SMART STICK USING ARDUINO UNO

A walking stick that can be used by the differently abled to detect any obstacles in front of them and avoid crashing into things and moving without anyone's help. I was the Designer and developer for the project.

### SCHOOL DATABASE MANAGEMENT SYSTEM USING SQL

Made a School Database Management project using PostgreSQL with basic functionalities.

### BLOG SITE USING DJANGO

Made a blog site using the Django framework with functions to add/remove posts along with the mention of publishing date.

### E-COMMERCE WEBSITE

Using basic web development tools- HTML,CSS,JS,BOOTSTRAP,JQUERY.

## EDUCATION

### BLOCKCHAIN DESIGN AND USE CASES

*Nptel-IIT Madras • 2018 • Elite GPA*

### B-TECH

*Usha Mittal Institute Of Technology-SNDT Women's University • Juhu,Mumbai • 2020  
• 8.9/10(sem 5) GPA*

## 12TH

*Delhi Public School • Navi Mumbai • 2016 • 74% GPA*

## 10TH

*D.A.V Public School • Navi Mumbai • 2014 • 9.8/10 GPA*

## SKILLS

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**BLOCKCHAIN**

WEB DEVELOPMENT

**C++ - INTERMEDIATE**

SQL

**HTML,CSS,JAVASCRIPT**

DJANGO

**ARDUINO**

NEO4J

**LATEX**

PROBLEM SOLVING

**CRITICAL THINKING**

HARDWORKING CAPABILITY

## CONTACT

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