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# DEVANSH DHINGRA

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## Summary

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Fourth-year undergraduate computer engineering student at Trinity College Dublin with experience in website and application development along with knowledge of deep learning, data structure and algorithms in C/C++, database management systems, HTML/CSS/JS and interest in learning and implementing new technologies.

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## Education

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### **B.A. Honour's Bachelor Degree (NFQ Level 8): Computer Engineering**

**09/2020-05/2022**

**Trinity College Dublin**

**Dublin,Ireland**

On the track of achieving 2:1 or higher

Transferred to Trinity College Dublin to complete degree as a part of 2+2 degree program.

- Coursework in Probability and Statistics, Data Structure and Algorithms, Software Design Analysis, Concurrent Systems and Operating System and Computer Networks.
- Learning deep learning and its application along with coursework in data visualization.

### **Computer Engineering**

**07/2018-07/2020**

**Thapar Institute of Engineering and Technology**

**Patiala, India**

- Coursework in DBMS, Engineering Designs, Object Oriented Programming and Computer Networks.

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## Work Experience

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### **Website Developer Intern**

**05/2020-08/2020**

**Iventors Initiatives**

**Chennai(Remote),India**

- Co-ordinated with SEO team, graphic designing team, and business team where we discussed the activities going over the website, and we would conclude the meeting by prioritizing tasks.
- Created front-end designs using HTML and CSS.
- Leveraged strong understanding of WordPress core to manipulate admin and theme components
- Added, updated, and managed the in-built features on the website.
- Managed a team of five graphic design members to complete the design of posters for social media platforms such as Instagram, Facebook, and Twitter.
- Collaborated with Project Head on project specifications, strategy, and execution to build new WordPress pages and update existing ones.

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## Skills

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- **Languages:** C,C++,Javascript, Java,HTML,CSS,Dart,Python,
- **Database:**MySQL,Postgres
- **Framework:** PowerBI, Android Development, Flutter
- **Design:**Photoshop,Illustrator
- Microsoft Office

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## Academic Projects

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### 1. FOOD CAM (Computer Network Project)

- Created a front-end using HTML and CSS
- Created a client-server based python model integrated it with the front-end
- Used python image library
- Used web sockets for data transfer between client and server
- Tried to implement transfer layer security via python SSL(socket security layer) library

### 2. SMART DUSTBIN (Electronics Project)

- Ultrasonic sensor senses an object/hand within 0-50 cm of its range then the motor starts working and lid opens. Opens for a specific time limit, then closes automatically as per the code developed.

### 3. WorkMate (Android Development Project)

- Created front end designs using XML and Java
- Collaborated in designing and creating navigation bar, menu bar and all other built in functions
- Learned version control (Git/Github) as it was a multi-person coding project

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## Personal Projects

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### 1. Amazon Clone (Using React JS)

- Created fully functional amazon clone.
- Hosted using Google Firebase
- Integration of Stripe payment system
- Used HTML, JavaScript and CSS
- Code along Website Development Project

### 3. Time Tracker Application (using FLUTTER)

- Learned basic of flutter
- Developed cross platform application
- Used non-sql database of firebase
- Included user authentication using Google ,Facebook and Email with the help of firebase
- Learned about basic debugging and testing techniques for eg unit testing

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## Certificates

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### 1. SQL - MySQL for Data Analytics and Business Intelligence (**Udemy**)

### 2. Intermediate SQL (**DataCamp**)

### 3. Exploratory Data Analysis in SQL (**DataCamp**)

