

# KARAN VISHWAKARMA

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**Portfolio:** <http://karanvishmynspace.000webhostapp.com>

## SUMMARY

Passionate and self-motivated software developer actively looking for summer internships 2019.

## EDUCATION

Bachelor of Engineering and Technology from IET, DAVV Indore, India

**August 2016 - Present**

## TECHNICAL SKILL SET

Programming languages	Java, C++, C, BASIC
Database	MySQL, SQLite, SharedPreferences
Web Development	HTML, PHP, XML, CSS, HTML5, JavaScript, Angular 6
Development Ecosystem	IntelliJ, GitHub, Eclipse, Android Studio, Code Blocks, XAMPP, FileZilla 000webhost, Turbo C++, Android Development Suite, Visual Studio Code
Operating system	Windows, Linux
Courses	Data Structures, Algorithms, Machine Learning, Operating systems, Object Oriented Programming

## ACADEMIC PROJECTS

### KeyNote: Android Application

**October 2018 - November 2018**

**Technologies used:** Java, SQLite, Android Studios, XML, SharedPreferences, Google AdMob

**Description:** An Android application (available on Play Store) that allows users to take notes and store data, integrated with speech to text recognition.

- Designed and implemented user interface with speech-to-text functionality enabling users to take notes through voice input.
- Integrated Google AdMob to provide a platform to serve Ads and increase user engagement.
- Persisted user data in SQLite database and leveraged SharedPreferences for faster results & efficient data loading.

### Portfolio: Web Application

**March 2018 - April 2018**

**Technologies used:** HTML5, PHP, XAMPP, 000webhost, FileZilla, Leaner Style Sheets, JavaScript, Google Web Toolkit

**Description:** A Portfolio website providing a complete description about my projects, hobbies and music.

- Designed user interface using HTML5, CSS3 & JavaScript and added responsive animations using Google Web Toolkit.
- Utilized FileZilla & Google API key for file management and enabling location compatibility services respectively.
- Deployed the application using XAMPP server for application development and testing.

### Library Management Software

**May 2017 - July 2017**

**Technologies used:** C++, Turbo C++, Files and Streams

**Description:** A software developed for managing library material and student information using C++ file system components.

- Maintained student record & updated library rental information using C++ file system and object modularity.
- Exemplified usage of Object Orient Programming principles like abstraction, encapsulation to allow code reusability.

### Maven: Android Application

**January 2017 - March 2017**

**Technologies used:** Java, SQLite, XML, HTML, CSS3, Android Studios, Google API keys, Jsoup, SpeechRecognizer

**Description:** A personal assistant based on Artificial Intelligence that performs users' tasks like setting alarms, reminders, stopwatch, calendar and Google/Wikipedia search through text & speech interchange with the user.

- Implemented core functionalities using Google API keys, SpeechRecognizer along with word meaning through Jsoup library
- Integrated calculator and weather forecast functionalities through Java HTML parser Jsoup and AsyncTask.
- Executed complex SQL queries to retrieve application data like reminders and alarms from SQLite database.

## CERTIFIED COURSES

- Angular 6 course from Udemy **June 2018 - Present**
- edX HTML5 and CSS3 course **January 2018 - March 2018**
- Coursera Certified Algorithms Course **August 2017 - October 2017**
- Coursera Machine Learning Certificate from Stanford University **July 2017 - September 2017**