

ABHILASH KUMAR SINGH

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CAREER OBJECTIVE

Looking for the position of software developer where my creative thinking and excellent skill may be utilized.

EDUCATION

KENDRIYA VIDYALAYA NO 1 AIR FORCE ACADEMY,
HYDERABAD — 10th
GRADE - 10 CGPA CBSE

KENDRIYA VIDYALAYA ARMY CANTT AMRITSAR,
AMRITSAR PUNJAB — 12th
PERCENTAGE - 89.6% CBSE

BANGALORE INSTITUTE OF TECHNOLOGY,
BANGALORE — B.E. CSE
AGGREGATE - 8.84 CGPA VTU

EXPERIENCE

CAMPK12, BANGALORE — Instructor (MAY 2020 - JULY 2020)
Mentoring students below 12th standard to create Chatbot using javascript on AIPlayground Platform, and glimpse of Javascript programming language.

CERTIFICATION

PROGRAMMING IN JAVA

CONDUCTED BY - IIT KHARAGPUR
NPTEL CERTIFICATION NUMBER - NPTEL20CS08S1671739

PROGRAMMING AND DATA STRUCTURE IN PYTHON

CONDUCTED BY - IIT MADRAS AND CHENNAI MATHEMATICAL INSTITUTE
NPTEL CERTIFICATION NUMBER - NPTEL20CS26S1934731

PROJECTS

WHATSAPP WEB CLONING — WEB DEVELOPMENT

Messaging system, cloned version of whatsapp web which uses **Mysql** database, Front-end tools such as **HTML**, **CSS**, **JAVASCRIPT**, **JQUERY** and back-end tool **PHP**. An additional ADMIN feature to provide user support.

AWARDS

1. CAPGEMINI, Gift of appreciation on design thinking workshop
2. ME-RIISE IDEATHON, Certificate of excellence.
3. BIT IDEATHON, Certificate of excellence.

TECHNICAL SKILLS

C PROGRAMMING

JAVA

PYTHON

ALGORITHM

DATA STRUCTURE

SQL(MYSQL)

HTML5

CSS3

JAVASCRIPT

PHP

TKINTER PYTHON GUI

FAMILIARIZED WITH

1. WEB SCRAPING
2. WEB AUTOMATION
3. OPENGL
4. PYTHON SMTP MODULE
5. DESIGN THINKING
6. CHATBOT USING RASA
7. BOOTSTRAP
8. JAVASCRIPT
9. OPENCV
10. AI PLAYGROUND
11. MIT APP INVENTOR

TOTAL SECURE — PYTHON TKINTER GUI

Provision of authentication to access hidden Folder. It records video of users by tool **Opencv** on failed authentication. Recorded video will be sent to the mail of authorised user using the python **SMTP module**.

CASPER THE FRIENDLY GHOST ANIME — OPENGL

Computer graphics anime project using **opengl** tools.

THINKPAD — PYTHON GUI

My notepad version using **TKINTER** GUI

PROJECT MANAGER — WEB DEVELOPMENT

Students can submit projects online and subsequently teachers can evaluate projects and verify submission. It uses **Mysqli** database, **HTML5, CSS3, JQUERY, JAVASCRIPT** AND **PHP**.

CORONA CASES STATE WISE — WEB SCRAPING

Extracting data from www.livemint.com of state wise corona cases using **Beautifulsoup** and **requests**.

CODEZILLA — WEB DEVELOPMENT

E-learning website on javascript programming. It has embedded Youtube video, embedded Google form using **iFrame**. **Bootstrapped** website hence can be accessed on any device. Google **Firestore** to manage signup and login.

Link to website- <https://codezilla-js.herokuapp.com/>

Todo List api — REST API

Todo list api using **php** and **mysql** database. Functions like adding tasks to date, copying all tasks of one day to another, deleting a task, deleting all tasks in a day and marking each task with some priority.

FACIAL DETECTION AND RECOGNITION — PYTHON LIBRARIES (face_recognition AND opencv)

Realtime video capture using **opencv** and detecting the person using **face_recognition**. The name of the detected person is shown in the console. It is further being upgraded to an online attendance system.

12. HATCH XR

13. GIT

14. SOCKET PROGRAMMING

15. REST API

16. REGRESSION IN ML

17. gTTS

18. SPEECH RECOGNITION

19. FIREBASE

20. WAMP SERVER

LANGUAGES

HINDI

ENGLISH