

Subhash Kumar Pal

Bachelor of Engineering

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OBJECTIVE

I am a keen learner in new emerging software technologies. Seeking an exciting and challenging position as a software developer in a company where my Programming skills and knowledge can be used to the fullest.

EDUCATION

COURSE	DURATION	SCHOOL/COLLEGE	SGPA / %
BACHELOR OF ENGINEERING	2017-2021	Army Institute of Technology, Pune	8.62 SGPA
CLASS 12 th	2015-2016	Jawahar Navodaya Vidyalaya, CG	86.8 %
CLASS 10 th	2013-2014	Jawahar Navodaya Vidyalaya, CG	10 CGPA

SKILLS

Programming Languages

- C++ , c , MATLAB , MYSQL.

IT Construct

- DS and Algorithms , OOP's, DBMS , C++ STL.

Coding Sites

- Geeks for Geeks (Rank-9), Hackerrank (Golden badge), Codeforces (Specialist).

Development Tools

- Visual studio, Wampserver, GitHub, keras, opencv, Pycharm, jupitar, Sublime, matlab2016, unity.

Web technologies

- HTML, CSS, JAVASCRIPT, PHP.

WORK EXPERIENCE

Freelancer

Oct 2019 - Mar 2020

- Through freelancing I learned lot of new technologies and realize real life visualization of code.
- Learned how to debug others code and complete before deadline with client satisfaction.

Internship (Genisup IT Pvt Ltd, Hosur, Tamil Nadu)

Dec 2019 - Jan 2020

- Made code for data transmission between server and client locally with help of ESP8266 WIFI module.
- Developed a code for controlling AC condenser fan speed and showing PM values on HTML page.

PROJECTS

File Compression-Decompression

(https://github.com/psubh/file_comp_decom)

- A C++ program for compressing and decompressing text files using Huffman Code with 95% accuracy.
- Used priority queue and binary search tree data structure for making Huffman code.

Dynamic Speed Limiter By Deep Learning

(https://github.com/psubh/SpeedLimit_classification)

- An approach to build a dynamic speed limiter to prevent accidents by using CNN algorithm.
- With help of image processing and CNN, create train model set to recognize speed limiter board.

ACHIEVEMENTS

- Cleared two phases of GOCC 2021, SCAT2020 (Rank-5), GFG(Rank-9), codeforces (Specialist).
- Codered (Winner-PICT), Codewar (3rd Inter college), SIH(Finalist), E-yantra (2nd Round), IEEE paper.

EXTRA-CURRICULAR ACTIVITIES

- Robotics and AI club coding domain leader, Wing captain, College Coding club member.
- NCC(B certificate), NSS(2 years), National Basketball player(Under 17,19).

CERTIFICATIONS

1. MATLAB and Data preprocessing, UDEMY, 2020
2. C++, NPTEL(IIT Bombay), 2018
3. python, Coursera (University of Michigan), 2020
4. IOT, NPTEL (IIT Kanpur), 2018