CHETAN PRAKASH VERMA

Roll No: 11710434
B.Tech - Electronics and Communication Engineering
National Institute Of Technology, Kurukshetra
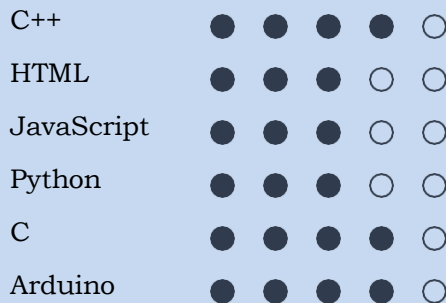
☎ **Contact**

+91 8744910955
chetanp.verma98@gmail.com
Github | LinkedIn

👤 Profile Summary

Well – versed in numerous programming languages including C++, Python, C, HTML, JavaScript, SQL (basics), CSS (basics), Arduino.

⚙️ Programming Skill

C++   ● ● ● ● ○
HTML   ● ● ● ○ ○
JavaScript ● ● ● ○ ○
Python   ● ● ● ○ ○
C   ● ● ● ● ○
Arduino   ● ● ● ● ○

📖 Courses Completed

- The complete JavaScript course
- HTML/CSS course
- Coding Ninjas C++ Programming Course
- Coding Blocks Data Science and Machine Learning course
- Internshala C and C++ Online Training

🔧 Skill Highlights

- Creative Design
- Innovative
- Service - focused

🎓 Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	NIT Kurukshetra	8.29/10	2017
Senior Secondary	CBSE Board	83%	2016
Secondary	CBSE Board	9.4/10	2014

🚩 Awards

- Represented NIT Kurukshetra in BAJA 2018 with self designed ATV (All Terrain Vehicle). Team achieved AIR 20 out of 125 teams.
- Represented NIT Kurukshetra in ATVC with self designed ATV. Team achieved AIR 3 out of 20 teams.

📐 Projects and Training

- **Forkify Application**
  - Developed a JavaScript application which fetches and displays the recipe food data using an external API
- **Navigator Algo – Visualiser**
  - Developed JavaScript application for visualizing path finding Graph Algorithms and 2D grid using animations
  - Implemented DFS and BFS algorithms with functionality of restricted cells, shortest path and execution time
- **Budget Keeper Application**
  - Developed JavaScript application to calculate budget based on a list of income and expenditure
  - Implemented feature to add or remove list items and to display percentage share of every expense
- **Sudoku Solver**
  - Created a Sudoku solver application using JavaScript and CSS which fetches a new puzzle using external API
  - Implemented solver function using recursion and back-tracking algorithms to render the solution of the puzzle
- **Pair Game**
  - Created a card pairing game using JavaScript.
- **Quiz System**
  - Designed a quiz system under internshala training program.
- **Price Tracking Telegram Bot**
  - Developed a telegram bot using web scraping in python, which tracks the gold price when changes
- **Home Automation System**
  - Using nodemcu/arduino, sensors and android application.
- **Automation System for ATV**
  - Carried out tests to discover errors and optimize usability using actuators and sensors.

🏀 Extra Curriculum Activities

- Autokriti 9.0/10.0/11.0 workshop - Participated as Associate in Autokriti 9.0 (2017) Organized by SAE