

D201- AFNHE  
Athipalayam, Pirivu, Ganapathy  
Coimbatore, Tamil Nadu  
641006  
GITHUB: @samcaspus  
LINKEDIN: @sandeepguptan1998

## Sandeep SG

(+91) 9489078489  
(+91) 9080743231  
sandeepguptan1998@gmail.com  
Date of birth: 1<sup>st</sup> Aug 1998  
Languages: English, Hindi, Malayalam  
Nationality: India

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### WORK EXPERIENCE

#### Teaching assistant CODING NINJAS, NEW DELH June 2019 – Oct 2019

- Worked on **Coding Ninjas Platform** (<https://codingninjas.in/>).
  - Roles & Responsibilities:
    - Resolved **749+ doubts** of students enrolled in course **Competitive Programming** with a rating of **4.78 on 5**.
    - Taken doubts of students for **2 hrs daily (6 days a week)** and for a duration of **4 months**.
    - Assigned to **20 students** who were **mentored** by me throughout their course.
    - Monitoring performance to ensure that students are completing the lectures and assignments on time.
    - Worked in helping to build the logic of students in **C++, Python**.

#### Web Developer Intern ICAS ABROAD, TAMIL NADU Oct 2018 – MAR 2019

- Worked on **ICAS ABROAD website** (<http://icasabroad.com/>).
  - Roles & Responsibilities:
    - Develop responsiveness to **Icas Abroad** using **bootstrap**.
    - Worked on **modifying, editing** and adding **content** for **Icas Abroad**.
    - Develop Backend as an admin panel for complete website control using **PHP** as the source language.
    - Custom features like **gallery, Email, and reminder mail** was provided with backend support in **PHP**.
    - Worked for duration of **6 months** as an Intern during my **3rd** year of **B-tech**.

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### SKILLS

**Languages:** C++ and Python  
**Responsive Design:** Bootstrap  
**Operating System:** Windows and Linux

**Front End and Back End:** HTML 5, CSS, PHP  
**Teaching:** Competitive Programming  
**Testing Framework:** BeautifulSoup, Selenium

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### STRENGTHS & ACHIEVEMENTS

- Strong working ability in **C++** and **Python** (**LinkedIn assessment certified**).
- Good understanding of **Data Structures** and **Algorithms** (**Coding Ninjas certified**).
- Can adapt to work with any language.
- Secured **first rank** in competitive programming **1<sup>st</sup>/200 participants**. (**Karunya university certified**)
- Google kickstart** 2536<sup>th</sup> rank. (**Google certified**)
- Coding Ninjas certificate of excellence in a competitive programming course.
- Cleared **Business English** Certificate Vantage (Scored 170: 190) (**Cambridge University certified**).

### EDUCATION

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|--|--|-------------------------------|
| <b>Tamilnadu, IN</b>   | <b><u>Karunya Institute of Technology and sciences</u></b> | <b>Fall 2017 – May 2020</b>   |
| <ul style="list-style-type: none"><li>B. Tech. in Computer Science as a major, current with 8.66 CGPA.</li></ul> |  |                               |
| <b>Delhi, IN</b>   | <b><u>Kendriya Vidyalaya RK Puram, CBSE</u></b>            | <b>Fall 2015 – March 2016</b> |
| <ul style="list-style-type: none"><li>Completed Senior Secondary Education, March 2016 with 71%.</li></ul>       |  |                               |
| <b>Delhi, IN</b>   | <b><u>Kendriya Vidyalaya RK Puram, CBSE</u></b>            | <b>Fall 2013 – March 2014</b> |
| <ul style="list-style-type: none"><li>Completed Matriculation, March 2014 with 9.2 CGPA.</li></ul>               |  |                               |

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## PROJECTS

- **Dataset Analysis** of funding information.
  - Task Performed:
    - Analysis of mock-up data of 2017-18 on what type of startups are getting funded in the last few years
    - Who are the most important investors?
    - What are the hottest fields that get a lot of funding these days?
    - And made a python codeset for the above analysis.
- ❖ **API Dataset Analysis** of Zomato.
  - Task Performed:
    - Performed API authentication and retrieval on Zomato API.
    - Made Python data set for collected information.
    - Traced user affinity towards specific cuisine, establishment type, locations, and price brands and made recommendations.
- **Web Scraping** using **Beautiful Soup & Selenium**
  - Task Performed:
    - Performed data retrieval from a website using web scraping tools and automation of website using testing tools (BeautifulSoup and Selenium).
    - Collect the above data into a data set and then perform data analysis on the above for more relevant usage.
- ❖ **Speech Recognition game.**
  - Task Performed:
    - Developed an algorithm to generate random maths questions which the user needs to respond to.
    - Used speech detection API from Google to perform speech recognition.
    - Performed an analysis of the response and validated it with the correct result.
    - Increased difficulty of questions on the basis of user interaction.
    - Recorded the score of the individual as a result of the game.
- ❖ **Website Development @wirehogs.com.**
  - Task Performed:
    - Worked as a team leader in designing website builder project.
    - Developed mobile responsive cms based website in Bootstrap.
    - Used PHP and MySQL database as back end.
    - Performed linking of different modules created by the team members.