

*“Versatile, high-energy professional, targeting assignments in **website development and data management and analytics** with an organization of repute”*

Education

1. **Masters of Information Technology and Information Technology Management**

The University of Sydney, NSW

WAM (up till 1st semester): 82.8

Major: Data Management and Analytics

Aug 2019 – Present (Expected Graduation: Jul 2021)

2. **Bachelors of Computer Engineering**

Netaji Subhas Institute of Engineering, University of Delhi (DU), India

Percentage: 75.55% (Distinction)

Graduation Year: 2019

3. **Higher Secondary Education**

SR DAV Public School, Delhi, India

Percentage: 95.4%

Subjects: English, Physics, Chemistry, Maths and Computer Science

Completion Year: 2015

4. **Secondary Education**

Cambridge School Indrapuram, Uttar Pradesh, India

CGPA: 10/10

Completion Year: 2013

Skills And Abilities

Subject of Interest: Data Structures & Algorithms

- **Technical Skills:**

Programming Languages: C++, Python, Javascript.

Website Development Skills: HTML, CSS, Bootstrap, JQuery, Angular, AngularJS, VueJS, AR JS.

Other Skills: Machine Learning, Artificial Intelligence, Deep Learning, Data Analytics.

- **Currently learning:** ReactJS, NodeJS

Technical Work Experience

1. **SOFTWARE DEVELOPMENT INTERN – SURVEYSENSUM**

[APR 2019 – JUL 2019]

- An Indonesia based startup focused on building AI Enabled Customer Experience Platform.
- Worked on Python and Postman to build and test web services and web frontend.

2. **FRONTEND WEB INTERN – DRSAFEHANDS.COM**

[DEC 2018 – MAR 2019]

- A portal for expert advice on personal health issues.
- Worked on HTML, CSS, Bootstrap & JS for redesigning the web application drsafehands.com.

3. SOFTWARE PRODUCT INTERN – NUCLEUS SOFTWARES

[MAY 2018 – JUL 2018]

a. Cluster Health Monitoring System using Elastic Search

Built a complete website for Elastic Search overview of nodes in a cluster and their data with textual and graphical representation, using HTML, CSS, JS and amchartsJS.

b. Augmented Reality Presentation

Used 3D models and 3D graphics for creating three AR projects presented on Nucleus Day, using the AR JS library.

c. Image to Text for Employee Identification

Wrote a python code using OpenCV and Pytesseract for detecting name and employee written on employee's I-Card and then map it with the employee details file so as to mark his/her attendance.

Other Work Experience

1. RETAIL SALES ASSISTANT – MYER

[NOV 2019 - PRESENT]

- Provide exceptional customer service
- Assist clients with selection of merchandise
- Develop strong commercial relationships with clients
- Maintain and develop client book
- Responsible for achieving and exceeding personal sales targets
- Prepare and maintain stock on the sales floor

2. OSHC ASSISTANT – CAMP AUSTRALIA

[AUG 2019 – PRESENT]

- Before/After/Outside School Hours Care
- Manage around 40-50 kids and conduct fun activities

Projects

1. THESIS ON HATE SPEECH CLASSIFICATION USING DL

[MAY 2019]

- Classified text into hate speech and offensive speech using machine learning and deep learning techniques.
- Used the training model to analyze twitter data on trending issues.
- The thesis can be viewed at <http://bit.ly/thesisdl>.

2. RESEARCH PAPER ON SENTIMENT ANALYSIS ON GST

[2018]

- Scrapped twitter data on GST using python and used that data to analyze user reactions on the implementation of GST using R Libraries.
- The analysis was done broadly on five aspects - location, user popularity, tweet popularity, time and overall analysis.
- The research paper can be accessed at <https://ieeexplore.ieee.org/document/8748822>.

3. TO DO LIST

[OCT 2018]

- Designed a basic to do list using vueJS.
- The list can be viewed at <https://samarthseghal97.github.io/todolist/dist>.

4. WEBSITE BLOCKER

[AUG 2017]

- Built a program in Python to block particular websites for specified time.
- This was specifically built for students who wish to study at some hours and not open social media sites during that time.

5. SELF PROFILE WEBPAGE (CURRENTLY WORKING)

[PRESENT]

- Created a self-designed webpage from scratch using HTML, CSS and JavaScript.
- The website can be viewed at bit.ly/samarthseghal (only the front page can be viewed currently).

Positions of Responsibility

1. CHIEF CONVENER | ESUMMIT NSIT

[DEC '17 – FEB '18]

- Head Organizer of the annual Entrepreneurial Fest of NSIT.
- Mentored all departments, including Web Department, Finance Department, etc.

2. JOINT SECRETARY | IEEE NSIT

[AUG '16 – DEC '16]

- Organized SIGs, taught C++ to a batch of over 50 students.
- Part of the Technical Team.

Achievements

- **1st Prize** at Vihaan 2.0 (IEEE DTU's Annual **Hackathon** with participations from all over the country). Project can be viewed at <https://youtu.be/oxtOI4VHsUU>.
- **3rd Position** at Launchpad Hackathon (C++) at Coding Blocks, a coding competition that tests data structure skills.
- Qualified to **Elimination Round** of **codechef's** SNACKDOWN 2016 and ranked **under top 16%** students (globally) in Pre Elimination round of SNACKDOWN 2017, a coding competition at codechef.com.

Interpersonal Skills

- **Quantitative Skills** demonstrated by excellence in subjects like Probability, Statistics as well as Calculus. Furthermore, displayed by getting HDs in mathematical subjects during bachelors.
- **Communication Skills** honed by working with working and volunteering in different startups and societies like eCounsellors, eCell, Rotaract, etc.
- **Team Work** developed by participating and organizing fests like Moksha NSIT, eSummit NSIT, Innovision NSIT, etc.
- **Management Skills** refined by taking lead and being head organizer in eSummit NSIT 2018.
- **Teaching Skills** developed by imparting simple technical education to juniors by conducting IEEE SIGs and coding workshops.
- **Working across national and international teams** demonstrated during my internship at Indonesia based startup – SurveySensum.
- **Time Management Skills** honed by balancing academics, extra-curricular activities within college as well as volunteering commitments outside college.
- **Leadership Skills** developed by opting for different Positions of Responsibility at IEEE NSIT, eCell NSIT and eSummit NSIT.
- **Organisational Skills** demonstrated by handling event management duties for different college fests like Moksha, Innovision and eSummit.
- **Public Speaking Skills** displayed by taking lectures as well as presenting research paper to a group of professionals.

Type of Visa

- Student Visa (Subclass 500)

Availability

- 40 hours per fortnight.
- Available during day hours and late night.
- Flexible classes.

Interests

- Swimming
- Travelling
- Watching TV series

Languages Known

- English and Hindi

Referees

- Available on request.