

# SACHIN DUHAN

sachin\_bt2k17@dtu.ac.in, 8586821051

## Summary

Ingenious and determined Full-stack developer & a Data Science Enthusiast with 1.5 years of experience as Freelancer in IT & Software Engineering. Eager to leverage Machine Learning, interpreting and visualizing data with substantial knowledge of Data Structures, Algorithms, Statistics, Python & reconciling to new technologies at DTU assisting Research & Development.

## Internships & Experience

### Verint Cyber Intelligence solutions Pvt Ltd. - DevOps Intern

Dec. 2019 - Jan 2020

Worked with a Networking software using 5G technology & assisted in writing shell scripts for setting up Run-time, Build environment, dependency detection, installation and implemented Logging using Log4c. Used text-based protocol for making a Demo of real-time voice, video and messaging applications using SIP on Linux and later integrated Cygwin.

### Sahi Price - Full Stack Developer (sahiprice.com) (start-up)

Jun. 2019 - ongoing

Working as freelancer towards pixel-perfect responsive hybrid web application, building information architecture, well-designed & scalable Mongo DB database and implemented REST in NodeJs with best practices. Archived an average load time of 2.38s.

### USIP DTU - Intern management Portal

Jan. 2019 - May 2019

Full-stack developer (all alone) of Intern management app fulfilling client requirements like Data uploading, processing data, emailing, sending SMS, push notification, preparation, evaluation of reports and many more before deadlines.

### CodeJudge Pvt. Ltd (codejudge.io) (start-up)

May. 2018 - July 2018

A programming internship for problem setting, making test cases, designing solutions and writing scripts for evaluating code submitted by a developer to a given problem, enabling the recruiter to hire the best talent. Awarded as the Best Intern 2018.

## Academic Projects

### Tumor detection using Fuzzy Theory

July. 2019 - ongoing

Brain Tumor Detection and classification using Fuzzy theory, Neural Networks, AI & improved efficiency to 86.2%

### WSJ - Mock Stock Game Application

Dec. 2018 - Feb 2019

Organized a Mock Stocks competition in DTU and build a game app for a real-time price variation of the stock in the market generated a revenue of 45k thousand with 450+ participants.

## Skills & Certification

**Languages & Frameworks** - C, C++ with STL, Python3, NodeJs, Django, MySQL, MongoDB, REST, GraphQL, SPAs, ReactJS, Redux, Angular8, Ajax, React Native - Mobile App Development, JS-ES6, JQuery, Lodash, Bootstrap, Multithreading, Webservices.

**DevOps** - Git, Jenkins, AWS, NGINX, Azure, Linux, Bash, PM2, Selenium, CI/CD & Pipelines, APM, RUM

**Data Science** - Machine Learning & Neural Networks.

## Education and Skills

### Delhi Technological University | B.Tech

Mathematics & Computing (2021)

**President MACS** | CGPA - 7.19

### Titiksha Public School | Head Boy

XII PCM - 9.4 (2017)

X CGPA - 9.8 (2015)

## Profiles Links

[Gitlab](#), [6-Start coder](#) - [Hackerrank](#), [Linkedin](#), [GeeksforGeeks](#),

## Mentorship

**Programming Instructor** at International Organisation of Software Developers DTU.

**President** at Mathematics and Computing Society managing a team of 120 council members.

## Remarkable Achievements & Extra-curricular Activities

- 3 Time State Level and All India winner of Election commission of India debating competitions of Directorate of Education, Delhi
- Cash Prize of worth \$250**, for building a Full-stack, responsive website for International conference in DTU.
- NCC - Junior Under Officer (JUO), having done 3 Annual training Camps with Indian Army officials.
- Participation in School National in 2015 and winner of **Aahvaan'19**, **UDGOSH'18**, **TRIQUETRA'18**, and Runner up at **UDGOSH'17 & Aahvaan'18** in **Inter-University Football Tournament**.
- Having served as MUN advisor and training delegates for international relations and rules of procedures for united nations in North India having completed 35+ MUNs