

SACHIN DUHAN

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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

1. 3 Time State Level and All India winner of Election commission of India debating competitions of Directorate of Education, Delhi
2. **Cash Prize of worth \$250**, for building a Full-stack, responsive website for International conference in DTU.
3. NCC - Junior Under Officer (JUO), having done 3 Annual training Camps with Indian Army officials.
4. Participation in School National in 2015 and winner of **Aahvaan'19**, **UDGOSH'18**, **TRIQETRA'18**, and Runner up at **UDGOSH'17 & Aahvaan'18** in Inter-University Football Tournament.
5. 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