

SACHIN DUHAN

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Summary

Ingenious and determined Full-stack developer & a Machine Learning 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 in DTU while assisting Research & Development.

Internships & Experience

Verint Cyber Intelligence Solutions Pvt Ltd. – DevOps Intern

Dec. 2019 - Jan 2020

Worked with a Networking software & assisted as DevOps, coding shell scripts for the multilevel & multidimensional environment setup, dependency detection, installation and implementing Logging using Log4c. Stimulated text-based protocol for making a Demo of real-time voice, video and messaging applications using SIP on Linux and later integrated Cygwin.

Research Intern DTU – Machine Learning

Nov. 2020 - ongoing

Pursuing a research project entitled “Application of the 2-Tuple linguistic model in matrix games and cloud computation” under the supervision of Prof. Anjana Gupta, Applied Mathematics, DTU.

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

Jun. 2019 - Feb 2020

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. Achieved an average load time of 2.38s.

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

Classification Problem on Fashion Dataset

Dec. 2018 - Feb 2019

Implemented Multi-language and Multi-label on fashion for classification of the type of clothes using TF-IDF, Sklearn, LightGBM, Pandas, Seaborn

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, Typescript, Ajax, React Native, JS-ES6, JQuery, Lodash, Bootstrap, Multithreading, Clustering, and Webservices.

DevOps – Git, Jenkins, AWS, NGINX, Azure, Linux, Shell, PM2, Selenium, CI/CD & Pipelines, APM, RUM, Docker

Data Science – Machine Learning, Neural Network - CNN, RNN

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 personnel.
- 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