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 intern, writing 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 matric 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

Student-Intern management portal
Jan. 2019 - May 2019

Full-stack developer (all alone) of Intern management app fulfilling client requirements like Data uploading, documentation & processing of data, evaluation of reports submitted by Interns.

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, JS-ES6, Jquery, Lodash, Bootstrap, Multithreading, Clustering, and Webservices.

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

Data Science - Machine Learning

Education and Skills

Delhi Technological University | B.Tech
Mathematics & Computing (**2021**)
President MACS | CGPA - 7.34

Titiksha Public School | Head Boy
XII PCM - 9.4 (2017)
X CGPA - 9.8 (2015)

Profiles Links

Gitlab, 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 & All India winner of debating competitions - Election commission of India & 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 personnel.
4. Participation in School National in 2015 and winner of **Aahvaan'20, Aahvaan'19, TRIQETRA'19, UDGOSH'18**, **TRIQETRA'18**, and Runner up at **UDGOSH'17** & **Aahvaan'18** in Inter-University Football Tournament.