

SACHIN DUHAN

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SUMMARY

Ingenious and determined Full-stack developer & a Data Science Enthusiast with great experience as a Freelancer and Intern in IT & Software Engineering. I've substantial knowledge of C++ STL, Python, Data Structures, Algorithms, Probability & Statistics. Currently pursuing Bachelor of Technology - B.Tech focused in Mathematics and Computer Science from Delhi Technological University (Formerly DCE).

INTERNSHIPS & EXPERIENCE

Verint Cyber Intelligence Solutions Pvt Ltd. - Intern

Dec. 2019 - Jan 2020

Worked with a Networking software & assisted as an 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.

Ceptua Technologies Pvt Ltd. - Full Stack Developer (sahiprice.com)

May. 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 3.59s.

PAPER MAKING APPLICATION - NCC INDIAN ARMY (ncc-paper-application.herokuapp.com)

Aug. 2019 - Oct 2019

Full-stack developer of a papermaking web-application for Indian Army officers with data encryption, Paper sharing, role-based authentication. Awarded with Army Citation by Major General G S Talwar, Additional Director General - NCC.

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

Languages & Frameworks - C, C++ with STL, Python3, NodeJs, Django, MySQL, MongoDB, REST, SPAs, ReactJS with Redux, Angular8, Typescript, JS-ES6, JQuery, Lodash, Bootstrap, Multithreading, Clustering, and Webservices.

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

Data Science - Machine Learning

REMARKABLE ACHIEVEMENTS

- 3 Time State Level & All India winner of debating competitions - Election commission of India & 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, having done 3 Annual Training Camps under Indian Army personnel.
- Winner of **Aahvaan'20, Aahvaan'19, TRIQETRA'19, UDGOSH'18, TRIQETRA'18**, and Runner up at **UDGOSH'17 & Aahvaan18** in Inter-University Football Tournament.

EDUCATION

Delhi Technological University | B.Tech

Mathematics & Computing (**2021**)

President MACS | CGPA - 7.34

Titiksha Public School | Head Boy

XII PCM - 9.4 (2016 - 17)

X CGPA - 9.8 (2014 - 15)

Position of Responsibility

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

Tech Council Member of ICRAPAM - International
conference in recent advances in pure and
Mathematics 2018.