SACHIN DUHAN

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SUMMARY

Ingenious and determined Full-stack developer & an enthusiast leader 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 a Bachelor of Technology - B.Tech focused on Mathematics and Computer Science from DTU.

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.

Indian Army – *Consultant & Freelancer Developer*
Aug. 2019 - Oct 2019

The full-stack developer and member of the academic council in NCC and developed a secure, dynamic, fast, and extensible application for Indian Army officers with data encryption using AES-256-GCM, paper sharing, role-based authentication, and access control. Awarded with All India army Citation by Major General G S Talwar, Additional Director General - NCC.

Ceptua Technologies Pvt Ltd. – *Full Stack Developer* (sahiprice.com)
May. 2019 - Feb 2020

Working as freelancer towards the pixel-perfect responsive hybrid website, building information architecture, well-designed & scalable MongoDB database, and implemented REST in NodeJs with best practices. Achieved an average load time of 3.59s.

CodeJudge Pvt. Ltd – *Intern* (codejudge.io)
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, MySQL, MongoDB, REST API, SPAs, Angular 8, React JS, React Native, Typescript, JS-ES6, Jquery, Lodash.

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

Data Science – Machine Learning

EDUCATION

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

Titiksha Public School | Head Boy
XII PCM **|** CGPA - 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.

REMARKABLE ACHIEVEMENTS

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, having done 3 Annual Training Camps under Indian Army personnel.
4. Winner of **Aahvaan'20, Aahvaan'19, TRIQETRA'19, UDGOSH'18**, **TRIQETRA'18**, and Runner up at **UDGOSH'17** & **Aahvaan18** in North-India Inter-University Football Tournament.