# SACHIN DUHAN

Roll No - **2K17/MC/087**  |  sachin_bt2k17@dtu.ac.in  |  +91 8586821051  |  website - **sachinduhan.me**

## EDUCATION

| B.Tech Mathematics & Computing | 2017 - 2021 | Delhi Technological University ( formerly DCE ) | CGPA 7.35 |
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| CBSE ( **Class XII** ) - **HEAD BOY** | 2017 | Titiksha Public School, Delhi | CGPA - 9.4 |
| CBSE ( **Class X** ) - **TOI Student of the Year** | 2015 | Titiksha Public School, Delhi | CGPA - 9.8 |

## INTERNSHIPS

### 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 cryptr & 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* ( Project URL – **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*      May. 2018 - July 2018
A programming internship as Problem setter, framing test cases, coding 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

### Intern management Portal  ( USIP DTU )      Jan. 2019 - May 2019
A full-stack developer of the Intern management app for diminution of documentation, transactions, scheduling, processing of data, & evaluation of reports submitted by Interns. Currently used by DTU administration & over 5,000+ students for official purposes.

### WSJ – Mock Stock Game Application      Dec. 2018 - Feb 2019
Organized a Mock Stocks competition in DTU and developed a Game App for a real-time price variation of the stock value in the pseudo online market using socket.io and NodeJS backend. Generated revenue of 20,000 with 450+ onsite participants.

## SKILLS

**Languages & Frameworks –** C, C++ with STL, Python3, Javascript, NodeJs, MySQL, MongoDB with MongooseJs, Angular 8, React JS, Typescript, and REST API.

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

**Data Science** – Machine Learning

## POSITION OF RESPONSIBILITY

1. President at Mathematics and Computing Society managed a team of 28 council members, Administration, and Accounts.
2. Core - Tech Council Member of ICRAPAM - International conference in recent advances in pure and Mathematics 2018.
3. NCC Camp Leader at SNIC CAMP Sikkim, Head of Top 48 cadet in from 17 NCC Directorates from all over India.

## EXTRA-CURRICULAR ACHIEVEMENTS

1. **3-Time State Level** & All India winner of debating competitions - Election commission of India & Directorate of Education, Delhi
2. NCC - Junior Under Officer, having done a **SNIC** & **3 ATC** - Annual Training Camps under NCC & Indian Army personnel.
3. Winner of **Aahvaan'20, Aahvaan'19, TRIQETRA'19, UDGOSH'18**, **TRIQETRA'18**, and Runner up at **UDGOSH'17**, **Aahvaan'18** in North-India Inter-University Sports Fests & Football Tournaments.
4. **Cash Prize of worth - $250**, for building a Full-stack, responsive website for International conference in DTU.
5. Having served as Chief Executive Board member in 10+ International and National Level Model United Nations in India.