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
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 of SNIC - NE and Head of Top 48 cadets selected 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.