

SACHIN DUHAN

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EDUCATION

B.Tech - Mathematics & Computing	2017 - 2021	Delhi Technological University (formerly DCE)	CGPA - 7.36
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

SKILLS & INTERESTS

Languages & Frameworks - C++, Python3, Typescript, Javascript (ES-6), OOPS, NodeJs, Redis, MongoDB with Mongoose Js, MYSQL*, Angular 8, React JS, React Native*, REST API, AJAX, JSON, and PWA.

DevOps - Git, AWS, PM2, Bash Shell scripting*, Linux*, NGINX*, CI/CD & Pipelines*, Selenium (Testing & Automation).

Data Science (Beginner) - Machine Learning, numpy, scikit learn, pandas, matplotlib, Probability & Statistics.

INTERNSHIPS & EXPERIENCE

Bitgrit Inc. Tokyo, Japan - *AI Consultant & Research Intern* [[Project Link](#)] May. 2020 - July 2020

Presenting solutions by understanding a business's challenges, strategy, data & contingencies. Developed & deployed a POC for AI-enabled Interview screening platform equipped with emotion recognition, sentiment analysis, resume parsing with pyresparser.

Verint Cyber Intelligence Solutions Pvt Ltd. - *DevOps Intern* Dec. 2019 - Jan 2020

DevOps Intern writing **shell scripts** for the multilevel & multidimensional environment setup, dependency detection, installation, and implementing logging using Log4c. Stimulated text-based protocol with SIP on **Linux** & integrated Cygwin for windows.

Ceptua Technologies Pvt Ltd. - *Freelancer Developer* [sahiprice.com] May. 2019 - Feb 2020

Working as **Freelancer** towards a pixel-perfect responsive hybrid start-up, building information architecture, well-designed & scalable MongoDB database, and implemented REST API in NodeJs with best practices. Achieved an average load time of 3.59s.

CodeJudge Inc. Los Angeles, California - *SDE Intern* May. 2018 - July 2018

A programming internship as Problem setter, formulating test cases, writing solutions and scripts for evaluating code submitted by a developer against a given problem, enabling the recruiter to hire the best talent. Designed solution using HTML, CSS & JS.

ACADEMIC PROJECTS

Academic Council Member & Developer - *Indian Army* [[Project Link](#)] Aug. 2019 - Oct 2019

Member of the NCC Training Council and developer of a secure, dynamic, fast, and extensible **Desktop App** using **Electron-Js** for Army officers with data encryption using cryptJs & AES-256-GCM, paper sharing, role-based authentication, and access control.

Analytical Study of Cloud Computing Model using Non-Uniform data Feb. 2020 - May 2020

Implemented application of the cloud computing model in uncertain domains to resolve the complexities of the real-life problem.

Intern management Portal Jan. 2018 - May 2019

Developed a Full-stack App for lessening documentation, transactions monitoring, interview scheduling, recruitment, data processing, Redressal, Task management, and Report evaluation. Currently used by DTU administration & over 7,500+ students.

WSJ - Mock Stock Game Application [[Project Link](#)] 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 stimulation using **Socket.io** and **NodeJs**. Generated revenue of 20,000 with 230+ onsite participants.

POSITION OF RESPONSIBILITY

1. **President** of Mathematics and Computing Society managed a team of 28 council members & 250+ society members.
2. **Tech Council Member** of ICRAPAM - managing & overseeing the Tech operations & website for International conference.
3. **NCC Camp Head** of **SNIC** - responsible for planning of routine training, logistics, administration & managing 200+ cadets.

EXTRA-CURRICULAR ACCOMPLISHMENT

1. **3 - Time State Level** winner & All India winner of debating competition organised by **ECI & Directorate of Education**, Delhi.
2. Winner of Aahvaan'20, UDGOSH'18, TRIQETRA'18, Aahvaan'18, UDGOSH'17, Inter-University Football Tournaments.
3. Served as **Executive Board member & Advisor** in 10+ International and National Level **Model United Nations - MUN** in India.
4. **Second place** in Javelin Throw - **Delhi State Summer Athletics Meet**, manifesting great agility, strength and athleticism.
5. **Junior Under Officer - NCC**, having done a **SNIC & 2 ATC** - Annual Training Camps of NCC under Indian Army personnel.