Shivendra Saxena

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BAREILLY – 243001

EDUCATION:

PERIOD	DEGREE	INSTITUTION	GRADES/PERCENTAGE
2015-19	Bachelor of Technology, (CSE)	National Institute of Technology, Sikkim	8.00/10(up to VI semesters)
2013-14	XII	Central Board of Secondary Education	92/100
2011-12	X	Central Board of Secondary Education	9.8/10

TECHNICAL SKILLS:

- **Programming Languages:** C, C++, Python 3, Core Java, Android and MIPS.
- **Database Technologies:** MYSQL and R.
- **Operating System:** Linux.

INTERNSHIPS AND WORKSHOPS ATTENDED:

- Attended a 2 months paid internship program in CDAC Bangalore on **SCADA and automation** from May 21 - July 22 2018.
- **Touch n Augmented Reality** organized by Infizeal Technologies held on Oct 10-11 2015 at NIT Sikkim.
- **Internet of Things**(IoT) organized by Tech Trunk Ventures Pvt. Ltd. held on Sep 10-11 2016 at NIT Sikkim.
- Workshop on **HPC**(High Performance Computing) organized by Wipro held on Sep 9 2016 at NIT Sikkim.

PROJECTS DEVELOPED:

- **Major Project**
  Study and Development of more efficient key management and user authentication scheme for fog computing services.
- **Study on Security aspects in IoT**
  A research project mainly focusing on security issues in IoT systems and proposing necessary solutions.
- **Keyless Trans positioning Encryption Algorithm**
  Developed an encryption algorithm which doesn't requires any key to encrypt the file.
- **Android Music Player App**
  Built a user friendly and highly customizable local music player app for android platform (intended for commercial use).
- **Snake Game**
  Built the traditional snake game in C++.

ACHIEVEMENTS:

- **Winner of CODEX**(Coding Competition) organized during ABHIYANTRAN'17 (annual Tech Fest of NIT Sikkim) in 2017 at Hacker Rank.

HOBBIES AND CO-CURRICULAR ACTIVITIES:

- An **enthusiast learner of Physics**.
- Coordinator of Tech Exhibition Team ABHIYANTRAN'17.
- Developing an Android app for NIT Sikkim.