

Education

- 2017–2021 **B.Tech**, Department of Computer Science and Engineering, Indian Institute of Technology Bhilai. GPA : 8.71/10.
- 2017 **XII Senior Secondary**, Vivekanand Mission School. Score : 93.0%.
- 2015 **X Secondary**, GEMS English School. Score : 96.0%.

Internships

- Present **Shanrohi Technologies, Hyderabad** : Currently working with this company in Hyderabad to develop Automobile Driver Behaviour Analysis and Car Performance calculation using parameters recorded by an external device installed in cars by employing ML models and Neural Networks.
- Dec 2018 **Maxpcsecure, Pune** : Worked as an intern for development of signature based Linux Antivirus using open-source tools and functionalities.

Projects

- ML **Automobile Driver Rating and Car Performance**
Automobile Driver Rating and Car Performance calculation by employing ML models and neural networks using parameters recorded by an external device installed in cars.
- ML **Stock Prediction using Support Vector Regression**
ML project under IBM's OpenPower AI supervision which predicts the stock prices using support vector regression and tested on Nimblex systems.
- Databases **Banking Management Systems**
Centralized database management systems for Banks
- Android **IIT Bhilai Android App**
*IIT Bhilai events and news Android application. Technologies used : Firebase, SQLite, WAMP, Real time JSON fetching and other dependencies.
<https://github.com/aniketr1947/pithy>*
- Android **Smart India Hackathon, MHRD - 2019**
*GAGAN location data is made available in near real time on ISRO Hackathon Server. Developed an android app to show improved location details using the data from the server.
<https://github.com/aniketr1947/SmartIndiaHackathon>*
- Web Dev **Polaris : Student Mentorship Program Website**
*Web Development Project for Student Mentorship Program - 2018 at IIT Bhilai
<https://polaris.iitbhlai.ac.in>*
- Web Dev **Web Development of News and Media Website**
*Developed a news and media website for Inside media house of IIT Bhilai. :
https://github.com/aniketr1947/InsideClub_Website*
- Web Dev **My personal portfolio website**
Developed my personal portfolio website : <https://aniketr1947.github.io/aniketr1947>
- Electronic **TV Audience Measurement**
Worked on raspberry pi to demonstrate TV Audience Measurement for BARC as a part of Inter-IIT Tech Meet at IIT Bombay.

Institute Positions

- 2019 *Head of **Social Media Management**, TnP Cell IIT Bhilai*
- 2018 *Executive Member, **Codificaso** - The Coding Club*
- 2018 *Coordinator and Editor-in-chief of **Inside**, News and Media Body of IIT Bhilai*
- 2017 *Core Member of **Debating Society** of IIT Bhilai*
- 2017 ***Class Representative** of 2017 CSE batch at IIT Bhilai*

Training

- 2018 **IBM OpenPower AI Training** : Machine Learning and Data Science short-term summer course by OpenPOWER Foundation of IBM. The two-months long training was conducted at IIT Bhilai which focussed on fundamentals of Data Science , ML and Big-Data science hands-on with open source tools.

Technical Skills

General	COMPETITIVE PROGRAMMING, FULL STACK DEVELOPMENT, MACHINE LEARNING, NEURAL NETWORKS USING TENSOR FLOW AND ANDROID DEVELOPMENT
Programming	JAVA, C++, PYTHON, C AND PHP
Development	FLASK, DJANGO, MYSQL, ANDROID AND SWIFT
Tools	GIT, BASH SCRIPTING, MATLAB, GNU OCTAVE AND L ^A T _E X

Coursework

Regular Academic Courses	Data Structures, Discrete Mathematics, Database Management Systems, Data Structure, Computer Organization and Architecture, Embedded Programming, High Performance Computing, Theory of Computation, Complexity Theory, Software Tools and Technologies, Operating Systems and Compilers.
Others	Digital System Design, Digital Signal Processing, Applied Digital Logic Design, Calculus, Probability and Statistics, Linear Algebra and Vector Calculus.

Achievements

- 2019 Qualified for Grand Finale of Smart India Hackathon 2019 by MHRD at Ahmedabad.
- 2018 Represented IIT Bhilai in Inter-IIT Parliamentary Debate 2018 at IIT Roorkee.
- 2018 Qualified for Inter-IIT Tech Meet 2018 at IIT Bombay in TV Audience Measurement, Case Study and Engineers Conclave.
- 2017 Secured First Rank in school in Senior Secondary Class XII CBSE Board Examination with 93.0% score.
- 2015 Secured First Rank in school in Secondary Class X ICSE Board Examination with 96.0% score with 100/100 marks in Computer Applications.