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Aniket Raj

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	**RAMP Automobiles** : Currently working with this company to develop Automobile Driver Rating and Car Performance calculation using parameters recorded by an external device installed in cars by employing ML models.
Dec 2018	**Max Secure** : Worked as an intern for development of signature based Linux Antivirus using open-source tools and functionalities.

Projects

Databases	**Banking Management Systems**
	Centralized database management systems for Banks
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 Nimbix systems.
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/aniketraj1947/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/aniketraj1947/SmartIndiaHackathon
Web Dev	**Automobile Driver Rating and Car Performance**
	Automobile Driver Rating and Car Performance calculation using parameters recorded by an external device installed in some cars. https://github.com/aniketraj1947/tesla
Web Dev	**Polaris : Student Mentorship Program Website**
	Web Development Project for Student Mentorship Program - 2018 at IIT Bhilai https://polaris.iitbhilai.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/aniketraj1947/InsideClub_Website
Web Dev	**My personal portfolio website**
	Developed my personal portfolio website : https://aniketraj1947.github.io/aniketraj1947
Electronic	**TV Audience Measurement**
	Worked on rasberry 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, Android and Swift Development

Programming   Java, C++, Python and C

Development   Django, MySQL, Android and Swift

Tools   Git, Bash Scripting,MATLAB, GNU Octave and LATEX

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.