

# Abhilash Pani

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## SUMMARY

- Result-oriented and hard-working and life revolving around Data and Maths. Major strengths include strong leadership and capacity to work as a team player, as well as excellent communication skills. The professional attitude is grounded in the cross-cutting knowledge of the academic, technical, and managerial fields. Attention to detail, facts and statistics, great management skills and brimming innovative ideas complete the profile.

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## EDUCATION

- **Bachelors of Technology | Computer Science & Engineering (CSE) – 4<sup>th</sup> Semester |** **2016 – Pursuing**
  - Dr. SP Mukherjee International Institute of Information Technology – Naya Raipur, Chhattisgarh, India, 493 661
  - 8.32 CGPA on a scale of 10.
- **Rajasthan Board |86.88% |** **2016**
  - Shiv Jyoti Senior Secondary School, Kota
  - 92.66 % (PCM)
- **Central Board of Secondary Education** **2014**
  - DAV Public School, Sonadih
  - 10.0 CGPA over a scale of 10.

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## TECHNICAL PROJECTS

- **Data-Analysis-on-IPL-Datasheet** **Oct, 2017–Dec, 2017**
  - [View project](#)
  - Data cleaning of IPL Dataset using pandas and matplotlib..
  - Analysing the Data upon various criterion like toss\_decisions, favorite\_venues, matches\_won, season\_wise.
  - Further visualising the data and the analysed data.
- **Stock-prices-prediction-of-Google-LLC** **Dec, 2017–Feb, 2018**
  - [View project](#)
  - A detailed data analysis, manipulation, cleaning, visualisation using the Pandas package.
  - It involves case study data analysis on dataset from the MovieLens website.
- **Satellite-Image-Analysis** **Oct, 2017–Dec, 2017**
  - Made use of the basics of Numpy and Pandas to study the image of a satellite.
  - Applied the knowledge of Data Analysis to create own filters on image.
- **Visualizing-pollution-indicators-of-countries** **Nov, 2017–Dec, 2017**
  - Simple Data Analysis making use of basic components.

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## ACADEMIC PROJECTS

- **Railway Reservation System** **Dec, 2017 – Jan, 2018**
  - *Guide: Dr. OP Vyas (Former Academic Dean, IIIT-NR)*
  - Made a fully functional railway reservation system as a project of DBMS course making use of MySQL, Xampp, PHP.
- **Sleep Extinguisher** **Oct, 2017 – Jan, 2018**
  - *Guide: Dr. Debanjan Das (Asst. Prof., IIIT-NR)*
  - A driver-sleep detection system making use of OpenCv, Kivy.
  - Made a cross-platform app.

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## TECHNICAL SKILLS

<b>Computing and Algorithms</b>	Data Science(Data Restructuring,Data Presentation and Visualisation, Data Analysis) , Machine Learning(Regression, Neural Networks, KNN,Decision Tree) , Python, Java, Math & Statistics, SQL, C, C++, HTML, CSS, JavaScript
<b>Hardware Prototyping</b>	Arduino, Raspberry Pi, Zybo, Nexys, RTL-SDR

<b>Professional Software</b>	AWS, Jupyter Notebook, Matlab/Simulink, Cadence, Xilinx Vivado, gcc, g++, Photoshop, Oracle and MySQL Developer, Turbo C/C++, GNU Radio, Ms- Office.
<b>Operating System</b>	Linux Distro: Ubuntu, Windows.

### COURSES STUDIED

First Semester	Introduction to C Programming Language, Digital Logic Design, Introductory Physics, Mathematics, Communication Skills-I GPA – 7.76
Second Semester	Computer Organization, Communication Skills-II, Discrete Mathematics, Data Structures and Algorithms, Electronic Circuits, Network Analysis, Principles Of Management, IT-Workshop-I (HTML, CSS, PHP, Arduino Microcontroller) GPA – 8.58
Third Semester	Design and Analysis of Algorithm, Database Management System, Signals and System, Communication System, Embedded System, Environmental Engineering and Science, Sensors and Actuators, Vector Calculus and Other Differential Equations, IT Workshop-II (TI Launchpad , Raspberry PI , Rtl-sdr , Data Handling using python , FPGA). GPA – 8.63
Fourth Semester	Object Oriented Methodologies, Embedded Systems-II, Numerical Methods and Probability, Data Communication and Computer Networks, Digital Signal Processing, Artificial Intelligence, VLSI Technology and Design (Currently going on)

### POSITION OF RESPONSIBILITY

<b>Campus Ambassador</b>	Aavartan, 2017 (Techno – Cultural Fest of NIT-Raipur)	2017
<b>Sponsorship Coordinator</b>	Technovate, 2018 (Techno – Cultural Fest of IIIT-NR)	2018
<b>Event Management Coordinator</b>	Technovate, 2017 (Techno – Cultural Fest of IIIT-NR)	2017

### ACHIEVEMENTS

<b>2<sup>nd</sup> Runner – up</b>	Tata Crucible Campus Quiz , Raipur-2018
<b>4<sup>th</sup> position</b>	RBI Regionals , Raipur-2014
<b>Winner</b>	Inter-DAV(MP-CG Zone) - 2014
<b>2<sup>nd</sup> Runner - up</b>	Sreeleathers Quiz, Jamshedpur-2011
<b>Olympiads</b>	State rank of 20 and 34 respectively in NSO and IMO - 2012