

**Indian Institute of Technology(INDIAN SCHOOL OF MINES), DHANBAD- 826004**

<b>Integrated M.Tech</b>		<i>Mathematics and Computing</i>								
<b>PERSONAL INFORMATION</b>										
<b>Name</b>	SAMBUDDHA NATH					<b>Admn. No.</b>	14JE000699			
<b>DoB</b>	29/08/1995	<b>Nationality</b>	INDIAN			<b>Sex (M/F)</b>	M			
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<b>PREVIOUS ACADEMIC RECORD</b>										
<b>Examination Passed</b>		<b>Board/University</b>				<b>Year of Passing</b>	<b>% of Marks</b>			
X		CBSE				2012	95(CGPA:10)			
XII		CBSE				2014	93.8			
<b>CURRENT ACADEMIC RECORD</b>										
<b>GPA</b>										<b>OGPA</b>
<b>1<sup>st</sup> Sem</b>	<b>2<sup>nd</sup> Sem</b>	<b>3<sup>rd</sup> Sem</b>	<b>4<sup>th</sup> Sem</b>	<b>5<sup>th</sup> Sem</b>	<b>6<sup>th</sup> Sem</b>	<b>7<sup>th</sup> Sem</b>	<b>8<sup>th</sup> Sem</b>	<b>9<sup>th</sup> Sem</b>	<b>10<sup>th</sup> Sem</b>	<b>Upto last Sem</b>
9.04	7.9	8.37	8.53	9.21	9.26	7.96	9.16			8.66

# RESUME

## Technical Skills

Android Development: Android APK Developer , API's Handling , JSON , SQLite  
DBMS: MYSQL , Data Structures  
Server Handling: Django , Python  
Programming Languages: C/C++, Java,Python ,  
Parallel Computing : CUDA  
Web Designing: HTML , CSS , Javascript  
Others : Shell Scripting and Programming, Arduino ,Matlab,  
LibreOffice ,Microsoft Office , Adobe Photoshop

## Projects

1. A Sulekha Message Enquiry Reader Android APP(for iDroid India)(<https://github.com/R0han78/SulekhaMessageApp>)
2. Android Based Home-Automation APP
3. Android Based Student Attendance APP  
([https://github.com/R0han78/android\\_attendance](https://github.com/R0han78/android_attendance))
4. Worked as a Front end Web Developer in startup
5. Android and Arduino Based Room Security APP
6. PHP based TimeTable Management portal for University Department (Under Prof. Dr. B.S. Kushwaha)

## Experiences :

- 1.HCL Infosystem -Inventory Management Techniques and Python-Django Web Portal on for SWAT Analysis for Employees
- 2.HTML,CSS,JavaScript(from Jollymeals food Startup)
- 3.Android App Development (from iDroid India)
- 4.ReactJS and ReduxJS(from Mayash Education startup)
5. Network Architecture handling in IOT based startup-Bitsysoft
6. Android Based Food Nutrition Tracker for food startup - Food'N'Fit

## Extra curricular:-

1. Sarod Player(Learned for 12+ years Under PadmaShri Padma Bhushan Pandit Debu Chaudhari)
2. Can play many other instruments like Flute,Harmonica and keyboard.

# **College Research Project :**

## **Network Viruses Modeling and Prediction :**

Network Viruses behave in similar fashion as real life viruses in a human population. Applying the models of real life viruses into computer networks and Integrating it with Machine Learning, we can calculate the probability of computer nodes of getting infected with the virus in an already infected system and predictive measures can be take to avoid the spread of the virus.

**Signature of FIC (T&P)**

**Signature of Student**