



Rishi Pathak

Roll Number: 170101054

B.Tech - Computer Science and Engineering

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Education

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2017 - Present	B.Tech	Indian Institute of Technology, Guwahati	7.55 (Current)
2017	Senior secondary	CBSE board	89.6%
2015	Secondary	CBSE board	10.0

Projects

- **E-Cell Website** Ongoing
A new website for the Institute's Entrepreneurship Cell
- **DataScience Course Webpage** Apr 2019
Dr. Samit Bhattacharya, Associate Professor, Dept. of CSE, IIT Guwahati
Made a course page for managing an imaginary course using secure login for all kinds of users using PHP. git.io/fjXEN
- **Placement Portal app** Apr 2019
Dr. Pradip K. Das, Professor, Dept. of CSE, IIT Guwahati
Developed an app to make the placement process easy and comfortable. Used Android Studio 3.3.2 git.io/fjXBR
- **Academic Section Management System** Mar 2019
Dr. Pradip K. Das, Professor, Dept. of CSE, IIT Guwahati
Developed software that manages various academic section activities of the institute and brings them online. Used Visual C++ git.io/fjXB4
- **Technical board Website** Oct 2018 - Mar 2019
A new website for the institute's Technical Board which has replaced the old one. Made with HTML, CSS and Bootstrap with over 40,000 lines of code. git.io/fjX0p
- **Guest House Management System** Feb 2019
Dr. Pradip K. Das, Professor, Dept. of CSE, IIT Guwahati
Developed software for managing the activities of the Institute's Guest House like booking new rooms, cancelling an existing booking, checking availability of rooms using Visual Basic. git.io/fjXBC

Technical skills

- **Programming languages** : C++, JavaScript *
 - **Web technologies** : HTML, CSS, Bootstrap
 - **Database management** : MySQL *
 - **Miscellaneous** : Android programming *
 - **Operating system** : Windows, Linux
- * Elementary proficiency

Key courses taken

- Data Structure
- Algorithms
- Hardware lab
- Computer Organisation and Architecture
- Software Engineering lab
- Data Structure Lab

Positions of Responsibility

- Head of Design, E-Cell 2019
- City representative, Indore, Technothon 2018

Achievements

- **Joint Entrance Examination 2017**: Secured All India Rank 490 among 0.15 million candidates appearing for the test.
- **KVPY 2016-17**: Obtained the National research fellowship scholarship by securing a position in the top 1%.
- **RMO 2015-16**: Qualified for the INMO by securing top position in the following stages :
 1. City level: Cleared the PRMO stage to qualify for RMO.
 2. Regional Level: Bagged the 8th position among 1000 candidates selected for the level.
- **NTSE 2014-15**: Obtained the National scholarship by securing a position in the top 1000 in the following stages :
 1. State level: Bagged 69th position among 8-9 lakh candidates.
 2. National level: Bagged top position among 5000 candidates selected for the level.

