

Manu Kumar Sharma

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Education

B.Tech

July 2013 — June 2017

Indian Institute of Technology Patna

- Pursuing Bachelors in Computer Science and Engineering
- 8.4 CGPA till fourth Semester

All India Senior Secondary Examination

July 2010 — July 2012

SSLT Gujarat Senior Secondary School

- 96% in Senior Secondary Board Examination

All India Secondary Examination

Jun 2000 — Jun 2010

SNP Secondary School

- 9.6 CGPA in All India Secondary Board Examination

Project and Work Experience

- **SRIRU** :

In guidance of Prof. Dr. Samrat Mandal

This is a software to maintain activities at different administrative section of Institute like Research and Development, Purchase and Sell Section and Account Section. This software also manages project proposals and approvals by different professors. Backend of this software is implemented in Django- Python framework and for front part HTML, CSS, javascript and bootstrap was used.

- **Healthcare Management** :

In guidance of Prof. Dr. Aditya Raj

This is a application which maintain a database of regional doctors, clinics and doctors and hospitals. This software is used for suggestions for doctors and their availability according to the symptoms entered by patient. This software is implemented in PHP, mysql, HTML, javascript.

- **4-Bit Processor** :

In guidance of Prof. Dr. Somnath Tripathi

Implented different parts of 4-bit processor like Program Counter, Main memory and it performs some basic MIPS assembly operations like addition, subtraction, left shift, right shift and jump statements.

Interests

- **Computer Science** : Software Development, Software Testing, Algorithms, Data Structures, Database Management, Competitive Programming, Discrete Mathematics, Machine Learning and Artificial Intelligence

- **Non Computer Science** : Optimization techniques of Linear Equations, Algebra, Statistic

Academic Achievements and Awards

- Secured All India Rank 3946 in JEE Advanced 2013
- Secured All India Rank 3297 and State Rank 246 in JEE Mains 2013
- Received Indira Gandhi Award given to 0.1 percentile students of examination zone

Skills

- **Programming** : C, C++, JAVA, Python, MIPS Assembly, BASH, perl
- **Web Development** : HTML, CSS, PHP, Django, Bootstrap, Wordpress
- **Operating Systems** : Windows, Linux, Android

Positions of Responsibility

- **Technical Coordinator, RTDC** : Working as Technical Coordinator (Computer Science and Engineering Department) of Rural Technology Development Club (RTDC) IIT Patna
- **Coordinator, Anwesha** : Working as Coordinator of Media and PR Department of Anwesha'16, the techno-cultural fest of IIT Patna
- **Sub-Coordinator, Anwesha** : Worked as Sub-coordinator of Registration and Planning Department at Anwesha'15

Extra Curriculars

- Won third prize in Intra-college hydraulic arm competition
- Event organizer in technical and cultural fests of College
- Part of Cultural team of IIT Patna