

**Priyanka Pal**

UG Second year BTech

Institute Name: National Institute Of Technology,Tiruchchirapally

Department: Computer Science of Technology

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**ACADEMIC DETAILS**

Examination	Institute	Year	CPI/%
Under Graduation	NIT Trichy	2016	9.49
Intermediate	Hariyana Vidya Mandir,Kolkata	2015	98.0 %
Matriculation	Assembly Of God Church School,Asansol	2013	97.0%

Pursuing BTECH degree in Computer Science And Engineering

**FIELDS OF INTEREST**

- Data Structures and Algorithms,Web development(frontend and backend),Machine Learning

**TECHNICAL SKILLS**

- **Languages** (C, C++,Bash,Python,MySQL,Javascript,Octave)
- **Database** : (MySQL,Sequelize,MongoDB)
- **Web development** : (HTML,CSS,Jquery,NodeJS) **Familiar with:**Bootstrap
- **Software:** Git,L<sup>A</sup>T<sub>E</sub>X

**PROJECTS**

- **Online voting system using NodeJS and Matlab**
  - It is an online voting system for election process which involves visual cryptography and fingerprint recognition for verification.
  - Features:
    - \* Basic registration of voters
    - \* sending OTP and encrypted images to voter's emailid
    - \* verification using MATLAB
- **Frontend for college's sports fete site**
  - Used html,css,bootstrap,javascript and media queries to design the frontend for the website
- **Online magazine using NodeJS(Ongoing Project)**
  - Built an online magazine with features like:
    - \* Users can view the posts and send requests to join as writers
    - \* writers can write posts and handle requests from users
    - \* chat feature among writers
- **A website for chemical engineering department in college(Ongoing project)**
  - It is written in nodeJS and aims at easy student teacher interaction
  - Features:
    - \* login and registration
    - \* chats and dashboard for interaction

## **POSITIONS OF RESPONSIBILITY**

- Member of Spider,a R&D club of our college as a web developer.
- Conducted workshops for first years on frontend web development especially on how to make browser based games using html canvas and also on backend web development using nodeJS.
- Organiser of AAVEG fest in college,Festember Public relations and Hospitality co ordinator
- Events co-ordinator of department symposium
- Head Girl and other positions of leadership in school

## **Extra-curriculars**

- Won first prize in technical exhibition called Sangam held in our college's annual techfest Pragyan
- Won third place in arduino controlled line follower robotics competition held in freshman year
- Won third place in maze solving robot robotics competition held in freshman year
- Won third place in movie making competition held among departments in sophomore year