

# Vishnu Prateek Kakaraparthi

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## Education

- 2012–2016 **B.Tech in Computer Science and Engineering**, *S.R.M. University*, Kattankulathur, Tamil Nadu.  
CGPA – 9.59 (Till 6th Semester)
- 2010–2012 **Senior Secondary**, *FIITJEE Junior College*, Hyderabad, Telangana.  
Percentage – 93.4%
- 2009–2010 **Secondary (C.B.S.E)**, *D.A.V. Public School*, Hyderabad, Telangana.  
GPA – 9.8

## Publications

- Vishnu Prateek K, "Machine Learning Algorithm Hypothesis on Smart Gyroscopic Tuned Dampers for Earthquake Resistance Building", *International Journal of Multidisciplinary Research and Development*, vol. 2, pp.705-707, 2015.

## Achievements

- Award for Academic Excellence by The Indus Foundation in year 2014.
- Won 1<sup>st</sup> prize in CTF (Capture the flag) conducted at Ehack by Infysec as a group competition and was placed at 6<sup>th</sup> position individual competition in the year 2013.
- Won 1<sup>st</sup> prize in a coding competition, Denken Fest conducted during Aaruush at SRM University in the year 2014.
- Part of 3<sup>rd</sup> prize winning team in All India Software Development SESCON-15 conducted at Sri Eshwar College of Engineering in the year 2015.
- Head-of-Projects, CSE - Association.

## Projects

### Major Projects

- 2013–2015 **PURA (Providing Urban Amenities In Rural Areas)**, SRM University and Neurosynaptic Communication Pvt Ltd..  
PURA is a Student-Faculty project which targets on providing rural areas with facilities such as e-learning, IT empowerment, e-governance, agriculture, health care and women empowerment. Provided back-end and design support to the project.
- 2012–2013 **SRM-SE**, SRM University and NIXI funded.  
SRMSE (SRM Search Engine) is a search engine aimed at revolutionizing the searching experience by diversifying the number of results for a specified query. SRMSE also filters the junk results, clusters the rest into different categories relevant to the query and displays them in a user-friendly manner. Contributed mainly towards server and network administration. Also responsible for the design and development of UI and crawlers.

### Miscellaneous Projects

- March 2015 **Alimento**.  
Developed an application for android devices that aimed at providing interactive food ordering menu with restaurant finding and pre-order services.
- April 2014 **SRM Student Info Application**.  
Developed an application for android devices that aimed at providing student information such as attendance, internal marks and other details.

## Skills

- OS: Linux, Windows.
- Web Design: HTML, CSS, PHP.
- Others: MySQL, Photoshop, GNU Octave.
- Programming: GNU/C++, Java.
- Scripting: Python.