CURRICULUM VITAE

P. SOWJANYA,
D.No.-5-153,
BRUNDHAVANAM STREET,
BOGOLE,BITRAGUNTA-524142,
SPSR NELLORE DIST(A.P-state).

Contact Number **: 8978422832**
E-mail   **: sowjanya.p92@gmail.com**

CAREER OBJECTIVE:

   To work in a globally competitive environment on challenging assignments that shall yield the twin benefits of the job satisfaction and a steady-paced professional growth.

PERSONAL SKILLS:

   Very flexible and adaptable to any kind of environment, can work individually and also in team efficiently. Comprehensive problem solving abilities, excellent verbal and written communication skills, Ability to deal with people diplomatically, willingness to learn.

EDUCATIONAL QUALIFICATIONS:

Qualification	Year of passing	University/Board	% Of marks
M.Tech (CSE)	2017	P.B.R VITS Kavali. (J.N.T.U-Anantapur)	71.8
B.Tech (CSE)	2013	P.B.R VITS Kavali. (J.N.T.U-Anantapur)	70.3
Intermediate	2009	Board of Intermediate Education (A.P)	76.7
S.S.C	2007	Board of Secondary Education (A.P)	78.5

PROJECT DETAILS:

Final Semester Project as a part of the **M.Tech** Curriculum.

Project Name : " **SECURE SPATIAL TOP-K QUERY PROCESSING VIA UNTRUSTED LOCATION-BASED SERVICE PROVIDERS** "

Description : Secure Spatial Top-K Query Processing Via Untrusted Location-Based Service Providers project considers a novel distributed system for collaborative location-based information generation and sharing which become increasingly popular due to the explosive growth of Internet-capable and location-aware mobile devices. The efficacy and efficiency of our schemes are thoroughly analyzed and evaluated. Assuming LBSP's may still change the data sets from data collector and provide basic top k query results in favor of POIs willing to pay.

In this project, there are three novel schemes are used for clients which are easily identified fake spatial queries and moving top k query results thereby utilizing proposed framework.

Final Semester Project as a part of the **B.Tech** Curriculum.

Project Name : " **DETECTING AND RESOLVING FIREWALL POLOCY ANOMOLIES** "

Description : Detecting And Resolving Firewall Polocy Anomolies project considers an innovative policy anomaly management framework for firewalls, adopting a rule-based segmentation technique to identify policy anomalies and derive effective anomaly resolutions. In particular, it articulate a grid-based representation technique, providing an intuitive cognitive sense about policy anomaly. This also discuss a proof-of-concept implementation of a visualization-based firewall policy analysis tool called Firewall Anomaly Management Environment (FAME). In addition, it demonstrate how efficiently our approach can discover and resolve anomalies in firewall policies through rigorous experiments.

TEACHING EXPERIENCE : **(6 years)**

1. As Programmar in CSE Department from July 2015 to June 2017 at **PBR Visvodaya Institute of Technology & Science, Kavali.**
2. As Assistant Professor in CSE Department from July 2017 to January 2021 at **PBR Visvodaya Institute of Technology & Science, Kavali.**

PUBLICATIONS IN JOURNALS/CONFERENCES :

1. "*A Study on various knowledge representative methods in Artificial Intelligence*", at **National Conference on Advanced computing and communication technologies (NCACCT),** on 20th July, 2019 organized by PBR VITS, KAVALI, AP.

2. "*Enhanced Privacy And Security In Mobile Cloud Computing"*, at **International Journal of Engineering(iJARS),** Vol II, Issue 4, November 2016**.**

3. *"Internet Traffic Monitoring System Using Big Data Spark Streaming*", at I**nternational Journal of Research(IJR),** Vol 8 Issue III, March 2019.

PARTICIPATED IN:

1. Participated in a workshop on "Surface Computing(Touch 1.0)" organised by "i3indya Technologies" at SRM University in Chennai.

2. Presented a paper on "Blue eye Technology" in "TECHNOQUEST'12" organized by N.B.K.R Institute Of Science And Technology at Vidyanagar in Nellore Dt.

3. Presented a paper on "Blue eye Technology" in "Neural Networks and Face Recognition" in "PRAGNA~11" organized by Moula Ali College Of Engineering Gotukuru in Anantapur Dt.

PROJECTS GUIDED:

- 2 projects for UG (B.Tech) students.
- 2 projects for PG (M.Tech & MCA) students.

AREAS OF INTEREST/SUBJECTS TAUGHT:

- Problem Solving And Programming
- Digital Logic Design
- Design & Analysis of Algorithms
- Programming in C
- Data warehousing & Data Mining
- Data structures in C & C++.
- Distributed Systems
- Operating Systems
- Design Patterns

INTERESTED AREAS:

I am looking forward for an exciting career in the field of Engineering with a zeal and ability to show my analytical, problem solving skills and performance in the work.

PERSONAL PROFILE:

Full Name	:	**P. SOWJANYA.**
Date Of Birth	:	**10-05-1992.**
Sex	:	**Female.**
Nationality	:	**Indian.**
Permanent Address	:	**D.No :5-153,**

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SPSR NELLORE DIST. **(A.P-state).**

Contact Number   **:**   **8978422832**

E-mail   **:**   **sowjanya.p92@gmail.com**

DECLARATION:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

I do hereby declare that I shall work up to the best of my talent in the organization.

[P.SOWJANYA.]