

# RESUME

A V KRISHNARAO PADYALA



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## Objective

A dedicated and innovative professional with a strong background in data analysis and programming. I have a passion for technology, and I am always looking for new ways to apply my knowledge and experience to the challenges and opportunities of the workplace.

## Academic Profile

- Pursuing Ph.D. from CSE department of SRM University, Delhi- NCR, Sonapat, Haryana.  
Registered in June 2020 and Regd. No. 75520210005
- **Master of Technology** in Computer Science & Engineering from Bapatla Engineering College, Bapatla affiliated to Acharya Nagarjuna University with **77 %**.
- **Bachelor of Technology** in Information Technology from Nalanda Institute of Engineering & Technology, Sattenapalli affiliated to JNTU with **63 %**.
- **Intermediate** from Board of Intermediate Education with **89.80 %**.
- **S.S.C** from Board of Secondary Education with **83.83 %**.

## Teaching Experience

- I have worked as a Lecturer in the IT department of Bapatla Engineering College, Bapatla, from June 2006 to November 2007.
- I have been working as an Assistant Professor in the IT department of Bapatla Engineering College, Bapatla, from August 2009 onwards.

## Membership in professional society's

Member in

- International Association of Engineers (IAENG) Member No. 339669
- International Association of Computer Science and Information Technology Member No. 80348495
- International Association of Academicians Member No. 23-195369

## Subjects Taught & Labs Handled

Database Management Systems, Cloud Programming (AWS), Computer Animation (Maya & ZBrush), Game Development (Unity & C#), Full Stack Development (React JS, Express JS, Mongo DB), Cloud Programming (Azure), Advanced Data Analytics (HADOOP, PIG, HIVE & SPARK), Mobile Application Development (Android

& Java) .Net Technologies(C#, ASP.net, ADO.net), Digital Image Processing , Data Warehousing & Data Mining, Data Structures, Enterprise Programming(J2EE), Web Technologies , Object Oriented Analysis & Design(UML) , Software Engineering , Data Engineering , Operating Systems, Linux Essentials, Object Oriented Programming , Parallel Computing , C Programming , Professional Ethics.

#### **Publications/ Conferences:**

- A Paper titled “MRI and CT scan data based Volume Rendering with Python” was published in the Journal “Mathematical Statisticians and Engineering Applications”.
- A Paper titled “RenderNet and AWS cloud service for Mobile volume rendering” is about to be published in Scopus-indexed “Springer Proceedings in Mathematics and Statistics”.
- A Paper titled “RenderNet and AWS cloud service for Mobile volume rendering” was presented at the “ICCM2023 · 9th International Conference on Computers, Management & Mathematical Sciences” conducted in August- 2023.
- A Paper titled “4D Dynamic Volume Rendering using Raycasting” by A V Krishna Rao Padyala, and Srinivasa Rao Namburi was published in “International Journals of Advanced Research in Computer Science and Software Engineering”, ISSN: 2277-128X (Volume-8, Issue-10), October 2018.
- A Paper titled “Volumetric Data Rendering on mobile with Raycasting” by A V Krishna Rao Padyala, P Ravi Kumar, Dr.K Srinivasa Rao, N Srinivasa Rao was published in “International Journal for Modern Trends in Science and Technology”, ISSN: 2455-3778 online, 6(8S): 63-69, 2020.
- A Paper titled “Volumetric Data Rendering on mobile with Raycasting” by A V Krishna Rao Padyala, P Ravi Kumar, Dr.K Srinivasa Rao, N Srinivasa Rao was presented in the “AICTE sponsored National E- Conference on recent advances in computer science and engineering” during 28<sup>th</sup> and 29<sup>th</sup> August, 2020.
- A Paper titled “A new approach to increase LZW algorithm compression ratio” by N Srinivasa rao, M Praveen Kumar, P A V Krishna Rao, G Prasad was published in “International Journal of Engineering Applied Sciences and Technology”, ISSN No. 2455-2143, Vol. 4, Issue 10, 141-144. 2020.
- A Paper titled “ Face Recognition using Eigenfaces and Distance Classifiers” by A V Krishna Rao P, K Sai Prasanth, D Neeraja was published in “International Journal Of Engineering And Computer Science”, ISSN:2319-7242, Volume 4 Issue 4, Page No. 11597-11601, April 2015.
- A Paper titled “Classification and Novel Class Detection in Concept-Drifting Data Streams under Time Constraints”, was presented in “CSIR Sponsored National Conference On Emerging Trends in Rough Sets, Fuzzy sets , Data Mining and Granular-Soft Computing” at Kongu Engineering College, perundurai, Tamilnadu in 3rd & 4th August 2012.

#### **Workshops/ FDPs Attended:**

- I have attended more than 25 workshop/ FDPs conducted by various colleges during the last few years.

#### **Resource Person in Workshops/ FDPs:**

- Resource Person in an online workshop titled “AWS Service management” from 8<sup>th</sup> to 10<sup>th</sup> January, organized by Chalapathi Institute of Technology, Guntur, Andra Pradesh.

#### **Reviewer in Journal/ Conference:**

- Reviewer in a 6<sup>th</sup> international conference on Information Systems and Management Science 2023 from 23<sup>rd</sup> to 24<sup>th</sup> December,2023 organized by the Department of Computer Science and Engineering, OP Jindal University, Riagarh, India & ICT, University of Malta, Msida, Malta.

#### **Administrative/ Co-Curricular Activities:**

- Worked for Criteria 5 and 2 of NAAC application submission at Bapatla Engineering College during 2023.
- Department Magazine coordinator and Editor since from several years in IT department of Bapatla Engineering College.
- Maintain a record of all the events/ workshops conducted in the department.
- Conducting software contest on the eve of Engineer’s Day, BECTAGON since from several years.
- Class Teacher/ mentor roles played sincerely.
- Records Department meeting minutes

### Projects Guided

- Till now guided 25 B.Tech project batches from IT Department.

### Personal Details

Date of Birth : 20 -06-1985  
Father's Name : P Veerla Venkaiah  
Mother's Name : P Krishna Kumari  
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I declare that the above-furnished information is authentic to the best of my knowledge and belief.

**A V Krishnarao Padyala**