

Poornanand Purushottam Naik

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SUMMARY

Seeking an excellent career as a Software Facilitator in an esteemed organization so as to develop and utilize my skills for the benefit of the Organization.

EXPERIENCE

Experience of 1 year 2 months working as Asst. Professor at Parul Institute of Engineering and Technology, Vadodara, Gujarat.

RESPONSIBILITIES

- Software Engineer, Professor having a strong background in Algorithms, Data Structures, Database Management Systems and Problem-Solving
- Unique blend of technical and management skills - as Project Coordinator, Research Coordinator to collaborate academic research at the university level
- Proven track record of establishing Project Teams and Project Architectural Infrastructure
- Experience in planning and conducting technical activities. Influencing and enabling talent development by mentoring, providing career guidance, training opportunities, and substantive timely feedback to students throughout the year.

ACHIEVEMENTS

- Filed and published a patent at “Office of the Controller General of Patents, Designs and Trade Marks” on the topic “Method, System And Apparatus For Preventing Shoulder Surfing in Secure Electronic Transactions” with application number 201941000753.
- Recognized as Best Faculty in Computer Science and Engineering Department for ‘Prof. R.H. Pandya Academic Performance Awards 2019’ at Parul Institute of Engineering and Technology, Vadodara.
- Published a research paper on “Preserving data privacy against shoulder surfing through LCD Polarization and morphological operations” in 3rd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT-2018) ISBN:978-1-5386-2440-1.
- Published a research paper on “Memory Intensive Technique for Load Balancing in the Cloud” in ‘International Journal of Advanced Research in Computer Science and Software Engineering’ Volume 5 Issue 4, 2015 ISSN: 2277 128X.

- Successfully demonstrated the project at Indian Institute of Science(IISC), Bangalore on the topic “Classification of Remote Sensing Images using Active Learning Algorithms”.
- Qualified GATE in 2016 and 2020 .
- Selected as Vice President of the “COMPUTER SOCIETY OF INDIA” (CSI), for the academic year 2012-2013.

EDUCATION

R.V College of Engineering <i>Master of Technology, Computer Science and Engineering</i>	Bengaluru, Karnataka <i>2016-2018</i>
Srinivas Institute of Technology <i>Bachelor of Engineering, Computer Science and Engineering</i>	Mangalore, Karnataka <i>2009-2013</i>
Divekar College of Science <i>Pre-University, Science</i>	Karwar, Karnataka <i>2007-2009</i>
Balmandir High School <i>Secondary School, English</i>	Karwar, Karnataka <i>2006-2007</i>

PROJECT DETAILS

M.Tech. Final year:

- Title: “Tweaking the property of light in LCDs and 3D filter to work as anti spy in banking systems”
- Role : Team Leader
- Purpose of the Project: At every stage data is encrypted. But not at the end devices where other person can view. So this project aims at masking the content from others and enabling only the authenticate person to use it.
- Software Requirement: *JavaFX, Matlab, Arduino*
- Team members: 1

M.Tech. Pre Final year:

- Title: “Water leak detection in smart water management supply” systems”
- Role : Team Leader
- Purpose of the Project: Worked with Tirupati Municipal corporation for Smart water leak detection by using the technique of Machine learning and Mathematical model. Uploaded the working model of R Shiny app in AWS (Amazon) cloud.
- Software Requirement: *R tool, Shiny GUI Package, AWS(Amazon Cloud)*
- Team members: 2

B.E. Final year:

- Title: “Classification of Remote Sensing Images using Active Learning Algorithms”
- Role : Team Leader
- Purpose of the Project: Classification and Identification of images captured from satellites by active learning and supervised algorithm. Based on this observation, to prove active learning is superior to supervised algorithm.
- Software Requirement: *ESRI ARCGIS, Weka, Java*
- Team members: 4

B.E. Pre Final year:

- Title: “ARCHIMEDES PRINCIPLE”
- Role : Team Leader
- Purpose of the Project: Conducted Project Work in Microsoft Visual Studio, on “ARCHIMEDES PRINCIPLE”, as an attempt to demonstrate the basic science principles, as part of the Academic Curriculum prescribed by VTU, Belgaum, in OpenGL environment using C/C++ source code.
- Software Requirement: *OpenGL, Visual C++*
- Team members: 1

CO-CURRICULAR ACTIVITIES

- Attended Short Term Training Program(STTP) on ‘VR and AR-A future of Technology’ Organized by DST, Government of Gujarat held at PIET, Vadodara.
- Attended one week workshop on ‘Data Science: Application and Practices in Python’ Organized by DST, Government of Gujarat held at PIET, Vadodara.
- Attended one week workshop on ‘Cloud Computing’ Organized by GUJCOST, Government of Gujarat held at PIET, Vadodara.
- Attended training on CLOUD COMPUTING given by EMC2, Bangalore.
- Attended training on the YOUTH EMPOWERMENT SEMINAR (YES+) and the ART OF LIVING BASIC COURSE (Part 1) conducted by Art Of Living Organization at Mangalore, Karnataka during the year 2012.
- Involved in Raising Funds for various events organized in the Institute.

PERSONAL DETAILS

Present Address : 205, 2nd Floor, Raikar Plaza, Habbuwada, Karwar, Karnataka.

DOB : 24th January, 1992

Languages Known :

- English : Reading, Writing and Speaking
- Kannada : Reading, Writing and Speaking
- Hindi : Reading, Writing and Speaking
- Konkani : Speaking

Membership : Computer Society of India(CSI)- 2030000092

URL : Hackerearth: <https://www.hackerearth.com/@poornanandnaik24>

The information furnished above is candid and true to the best of my knowledge.

-POORNANAND P. NAIK