PROFILE

Dr. R.S. SHAJI

M.Tech.(CSE), Ph.D.(CSE)

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"I am a highly motivated academician, researcher, administrator and engineer committed to national development by advancing NEP2020 and strengthening accreditation-driven quality in higher education. I focus on fostering strong academia–industry linkages through innovation, capacity building and technology-enabled solutions. I actively promote Outcome-Based Education (OBE) integrated with Competency-Based Education (CBE) to develop measurable skills, critical thinking and lifelong learning aligned with the evolving Industrial Revolution. I emphasize research, digital transformation and skill enhancement while embedding Sustainable Development Goals (SDGs) into education and outreach, contributing to India's growth as a knowledge-driven, globally competitive and sustainably developed nation."

QUALIFICATION

- **Ph.D.** in Computer Science and Engineering (2012) from Manonmaniam Sundaranar University, Tirunelveli.
- **M.Tech.** in Computer Science and Engineering (2002) from Pondicherry University (Central University), Puducherry.

PROFESSION

- **Professor in Computer Science and Engineering, Former Dean (Systems) and Former Dean (Research),** Department of Computer Science and Engineering, St. Xavier's Catholic College of Engineering (Autonomous, NAAC-'A' Grade, NBA Accredited), Nagercoil, Kanyakumari District, Tamil Nadu, India.
- **Former Professor in Information Technology,** Noorul Islam University (Deemed to be University, NAAC-'A' Grade Accredited).

NATIONAL RECOGNITION

- **NAAC Assessor,** recognized by National Assessment and Accreditation Council for Peer Team visits to Higher Education Institutions for Assessment and Accreditation by University Grants Commission.
- **AICTE Expert Member,** designated by All India council for Technical Education.
- **NIRF Peer Perception Reviewer,** invited by National Institutional Ranking Framework.

PROFILE LINKS

- www.linkedin.com/in/r-s-shaji-73039416
- Shaji_Profile_15-07-2026.pdf
- https://scholar.google.com/citations?user=U6kNoLIAAAAJ&hl=en
- https://www.scopus.com/authid/detail.uri?authorId=38362468100
- https://orcid.org/0000-0003-1903-0237?lang=en
- Shaji R S - Web of Science Researcher Profile
- Vidwan | Profile Page (inflibnet.ac.in)
- https://cfr.annauniv.edu/research/academics/supervisor-list.php?type=ice

UGC, AICTE AND UNIVERSITY RECOGNITION

- UGC recognized Professor in Computer Science and Engineering in the UGC Faculty Database.
- AICTE recognized Faculty in Engineering and Technology with Faculty-id as 1-3536098383.
- Anna University Chennai, recognized faculty in Computer Science and Engineering with Faculty-code as 9622203.
- Anna University Chennai, supervisor in the Faculty of Information and Communication Engineering with id as 3140024.

TEACHING EXPERTISE

- 27 Years of Teaching Experience in Higher Education Engineering Institutions including Technical University.
- 03 Years of Industrial Experience in Software development in the leading software firms.
- 14 ½ Years of experience as Professor in the Faculty of Engineering and Technology.
- 13 ½ Years of Post-Doctoral Experience in Research.

RESEARCH AND PROJECT GUIDANCE

- 18 years of research experience guiding Ph.D., M.Phil., M.E., MCA, M.Sc. and B.E projects.
- Research interests include Machine Learning, Smart Grid Computing, Cyber security and Cloud Computing.
- Research guidance provided in Machine Learning, Smart Grid Computing, Cyber security and Cloud Computing.
- Successfully produced 14 Doctorates and currently guiding 07 Ph.D. scholars (out of which 03 thesis are under evaluation)
- More than 30 projects have been successfully completed under my guidance for the UG and PG students of various Higher Educational Institutions in the domains of Artificial Intelligence, Cloud Computing, Security practices and Block chain architectures.

PATENT AND PROJECT

- 01 Utility Patent and 02 Design Patents are Granted.
- 05 consultancy projects completed in the fields of Accreditation and Healthcare informatics.

PUBLICATION

- 84 Research Articles are published in International Journals listed in Clarivate Analytics/SCI (29), WebofScience (54), Scopus (66) and in Google Scholar databases (79). 04 Research Articles are published in refereed National Journals.
- 22 Research Articles are published in International Conferences proceedings listed in IEEExplore and 04 Research Articles published in the proceedings of National Conferences.
- Published 01 Book with National level and 05 Book Chapters in International and National publishers.

ADMINISTRATION

- 24 Years of Administrative Experience as Head of the Department, Dean-Admissions, Academic Council Member, Academic Committee Member and Member in the various Accreditation and Quality Assurance Committees in various institutions such as Engineering, Arts and Science and Medical.

CONSULTANT FOR INDUSTRY AND INSTITUTION

- Consultant as Data Scientist in predictive Analytics for Personalized Medicine for Community Medicine
- Consultant as Analyst and Designer in developing software for Healthcare and Medical Informatics for Hospitals and Medical Colleges.
- Consultant as Analyst and Designer in developing software for Accreditation Processes for Higher Educational Institutions.
- Consultant as Analyst and Designer in developing Institution Automation Software for implementing Outcome Based Education based Teaching and Learning, Assessment and Evaluation activities
- Consultant as Analyst and Designer for private Cloud Computing Installation for Higher Educational Institutions, ensuring scalability, security and efficiency.
- Consultant as Analyst and Designer for developing cloud architecture for optimized storage and communication security features

- Consultant as Analyst and Designer for implementing an E-campus architecture for leveraging e-governance system in institutions
- Consultant as Analyst and Designer for implementing optimized architectures for Renewable energy harvesting and smart grid threat and theft identification and prevention
- Consultant as Analyst and Designer for designing block chain based pharmaceutical application security

SOFTWARE DEVELOPMENT PROFICIENCY

- 30 years of experience in Software Project Development, specializing in the Software Development Life Cycle (SDLC) and Object-Oriented Analysis and Design (OOAD).
- Software Development using Adaptive AI with Python, TensorFlow, Keras, OpenCV, Pandas, SciPy, OpenAI GPT-4, AutoML, SHAP, LIME and BERT.
- Web and Application Development using Laravel Framework for PHP and MySQL.
- Database Development and Management using Oracle, PL/SQL and Embedded SQL.
- Enterprise Software Development in IBM AS400, RPG-400 and COBOL-400.
- Web Development with XML.
- Firewall Security Implementation for robust cyber security.
- E-Commerce Solutions development and deployment.
- Cloud Computing integration and management of SaaS.
- Development of Medical Software for clinical and non-clinical process automation.
- In-house Software Development for end-to-end process automation in manufacturing companies.
- In-house Software Development for comprehensive process automation in Higher Educational Institutions.

PROFESSIONAL ACHIEVEMENT

- Member in various Institutional Committees for Autonomous, NAAC, NBA, Affiliations, AICTE Approval and University Status.
- Institutional Coordinator for National Cyber Safety and Security Standards (NCSSS)
- Institutional Coordinator for Unnat Bharat Abhiyan (UBA).
- Institutional President for Institution Innovation Council (IIC) of MHRD.
- Approved Computer Science and Engineering Faculty of Directorate General of Shipping (DGS), Government of India.
- Expert in Cloud Computing Research and development.
- Recognized Research Supervisor at Anna University, Chennai and Noorul Islam University.
- Evaluator for the Funded Projects for Kerala State Council for Science, Technology and Environment.
- Former HoD of M.E. Cyber Security at Noorul Islam University, Head of the Department for M.Sc. and MCA at Noorul Islam College of Engineering and St. Xavier's Catholic College of Engineering respectively
- Curriculum Designer for St. Xavier's Catholic College of Engineering and Noorul Islam University.

EDITOR

- In 03 International refereed Journals and in 03 National peer reviewed Journals.

INTERNATIONAL RECOGNITION

- Reviewer in Journals like IEEE, Elsevier, Springer, Taylor and Francis, Wiley Blackwell, IET and Inderscience.
- Also, Reviewer in more than 23 Peer Reviewed International and National Journals.

MISCELLANEOUS DETAIL

- Languages Known: English, Tamil, Malayalam and Hindi.

Nagercoil
01.10.2026

Yours Truly



[R S SHAJI]