Ankita Srivastava

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+91-9871127128

Scientist-D and Joint Director

Computer science engineer,
Database expert | DevOps | Front-end designing | CodeIgniter 8
experience in development and management of niche and cutting-
edge IT projects

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EDUCATION

2012 – 2014   **National Institute of Technology, Patna**
Masters in Technology- Computer Science, Gold medallist
Thesis: Sentiment analysis of product reviews using hybrid two-parse classifier and unbiased database

2008 – 2012   **Institute of Technology and Management, Gorakhpur, UPTU**
Bachelor's in Technology – Computer Science and Engineering, Gold medallist
Relevant courses: DBMS, Distributed Database, AI, Cryptography and Network Security, Pervasive computing

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RESEARCH INTERESTS

- **Health informatics, Application of informatics in Traditional medicine**
- **Quantum technologies and computing**
- **XML applications in standardization**
- **Cloud Computing and Data centres**
- **AI implementations**

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PUBLICATIONS

- **Supervised Semantic Analysis of Product Reviews Using Weighted k-NN Classifier,** IEEE Digital Library, April 2014.
- **A Hybrid Algorithm for Binary Topic-Based Text Classification**, IEEE Digital Library, February 2014.
- **Inconsistency in DNA Computing and It's Use in Cryptography,** IEEE Digital Library, March 2013.
- **Job Scheduling in HPC Clusters using DynPP (Dynamic Priority Policy) Algorithm,** Drishti-AKGEC, March 2012.

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ONGOING PROJECTS

- **ISO/DTR 4421 : Health informatics — Introduction to Ayurveda informatics**, ISO/TC 215, Project Lead
- **ISO/WD TS 6204 : Health Informatics — Categorial structures for representation of Ayurvedic medicinal water — Decocting process in Ayurveda**, ISO/TC 215, Project Lead
- **ISO/PWI TS 20731 : Health Informatics-Information model of Prakriti in Ayurveda Informatics**, ISO/TC 215, Project Lead

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POSITIONS HELD

- **ISO/TC 215/WG 10 : Health informatics- Traditional Medicine,** Expert
- **ISO/TC 215/WG 11 : Health informatics- Personalized digital health,** Expert
- **ISO/IEC JTC 1/SC 37: Biometrics,** Expert
- **ISO/IEC JTC 1/SC 38: Cloud Computing and Distributed Platforms,** Expert
- **ISO/IEC JTC 1/SC 39: Sustainability, IT and Data Centres,** Expert

- **ISO/IEC JTC 1/WG 14: Quantum Computing, Expert**
- **LITD 31-Cloud Computing, IT & Data Centres Sectional Committee,** Member Secretary
- **LITD 32-Biometrics Sectional Committee,** Member Secretary
- **LITD 34-Smart Manufacturing Sectional Committee,** Member Secretary
- **LITD 36-Computer hardware, Peripherals, Office equipment and User Interfaces Sectional Committee,** Member Secretary
- **LITDC : P5- Quantum Computing,** Member Secretary

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APPLICATIONS DEVELOPED

- **Single Sign-on and e-BIS portal** bringing BIS applications, android and iOS app on a common platform
- **Standards Formulation applications** including critical modules for Standards formulation, Review of standards, e-Committee management, WTO-TBT collaboration etc.
- **Management applications** catering to in-house management of administrative activities including bookings, approvals, processing of bills etc. for various processes.