

Professional Summary

Results-driven and visionary leader with over 20 years of experience in academia and research, driving innovation in Computer Science and Engineering. Proven track record of spearheading departments, fostering collaborative environments, and mentoring future leaders. Skilled in a wide array of technologies with a strong passion for Machine Learning, Artificial Intelligence, and Data Science.

Professional Experience

Chief Technology Officer (CTO) & Professor Emeritus

Inazuma.co | 2020 - Present

Head of the Department of Computer Science and Engineering

National Institute of Technology Karnataka, Surathkal, INDIA | 2015 - 2020

Key Achievements:

- Successfully led the department to achieve the highest accreditation rating.
- Initiated and established the AI and Data Science research center.

Responsibilities:

- Departmental leadership and strategic planning.
- Teaching and mentoring students at all levels.
- Research and publication in top-tier journals and conferences.

Visiting Professor

Stanford University, USA | Summer 2012

Key Achievements:

- Co-authored a seminal paper on Deep Learning published in NIPS.
- Developed and taught a course on Advanced Machine Learning.

Responsibilities:

- Research collaboration with the AI Lab.
- Teaching a graduate-level course.

Research Fellow

University of Oxford, UK | 2008 - 2010

Key Achievements:

- Published research in top-tier conferences (ICML, IJCAI).
- Contributed to the development of the university's AI strategy.

Responsibilities:

- Conducted research in Machine Learning and AI.
- Collaboration with industry partners for project funding.

Research Scientist

IBM Research, India | 2005 - 2008

Key Achievements:

- Filed two patents in the area of Cloud Computing.
- Published in IEEE and ACM journals.

Responsibilities:

- Research and development in Cloud Computing and Distributed Systems.
- Collaboration with the global IBM research community.

Education

Ph.D. in Computer Science

Massachusetts Institute of Technology (MIT), USA

Technical Skills

Programming Languages:

- C
- C++
- Java
- Python
- Perl

Software Development:

- Software Engineering
- Web Engineering
- Cloud Computing

Data Science & AI:

- Machine Learning

- Artificial Intelligence
- Data Mining
- Big Data Analytics
- Data Science

Computer Science Fundamentals:

- Algorithms
- Data Structures
- Operating Systems
- Database Management
- Image Processing
- Pattern Recognition

Web & Scripting:

- HTML
- Linux