



# Hasan Mahmud

## Senior System Analyst

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### 1. Career Brief

ICT and Computer Science professional with over 20 years of experience across agricultural research, government ICT systems, and data-driven decision support platforms. Holds an MSc in Computer Science & Engineering (Major in Data Science) with strong research expertise in machine learning, remote sensing, GIS, and AI-based predictive modelling. Demonstrated ability in developing innovative solutions such as crop zoning systems, land suitability analysis, climate adaptation tools, and machine learning-based yield estimation using satellite data, including Sentinel and LiDAR. Combines technical proficiency with practical experience to support evidence-based agricultural planning and policy-making. Currently seeking a PhD opportunity focused on AI-driven agricultural decision support systems, aiming to advance intelligent crop planning, accurate yield forecasting, and market-aware decision-making. Committed to leveraging advanced technologies to promote sustainable agriculture and enhance food security in Bangladesh.

### 2. Area of Expertise

AI; ML; NLP; Data Science; GIS; RS; Geoinformatics; IoT; Cloud; Cybersecurity

### 3. Professional Experience

Designation	Organization	Service Period
Senior System Analyst	Bangladesh Agricultural Research Council	October, 2026 ~ Present
Manager	Teletalk Bangladesh Limited	February, 2011 ~ October, 2026
Assistant Manager	Westec Limited (Bay Phones)	March, 2006 ~ February, 2011

### 4. Education

Degree/Study	University	Passing Year
MSc. in CSE	United International University	2024
BSc. (Engg.) in CSE	Shahjalal University of Science and Technology	2003

### 5. No. of Publications

- Peer Reviewed Journal Articles  
Principal Author- [2], Co Author- [1]
- Popular Articles  
Principal Author- [0], Co Author- [0]
- Book/Book Chapters  
Principal Author- [0], Co Author- [0]
- Others [Please mention]  
Principal Author- [0], Co Author- [0]

### 6. Public Profile

Domain



Link to Profile

<https://www.linkedin.com/in/robinsust/>