RASAGNYA BETHI

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EDUCATION

Indiana University, Kelley School of Business – Bloomington, IN   December 2026
Master of Science in Information Systems
Relevant Coursework: IT Strategy, AI Driven Development, Data Analytics, Agility, Process & Automation, Design Thinking
- *Certificate in Business Foundations (Summer 2025):* Courses in strategy, finance, accounting, operations,
- marketing, and quantitative methods; earned GPA: 4.00/4.00
- *Graduate Assistantship:* Database Design & Management

Manipal Institute of Technology – Manipal, Karnataka, India   May 2025
Bachelor of Technology in Information Technology; Minor*: Digital Marketing*   GPA: 3.30/4.00

EXPERIENCE

eLogic Solutions Private Limited – Hyderabad, Telangana, India   January 2025 - May 2025
Software Intern (Data Analytics)
- Built interactive dashboards (SQL + web tools) to monitor KPIs across business functions, enabling managers to identify performance trends and metric drivers, cutting reporting errors by 50%
- Automated KPI tracking with SQL scripts, reducing manual reporting by 6+ hours weekly and improving efficiency by 40%
- Collaborated with project managers and cross-functional teams to gather requirements and translate them into data solutions, driving organization-wide adoption of dashboards and reports

LEADERSHIP

MSIS Association – Bloomington, IN   June 2025 - Present
Director of Marketing and Communications
- Lead the communications strategy for student initiatives, creating campaigns that strengthened participation and alumni engagement
- Collaborate with board leadership to align messaging across channels, driving consistent outreach to 100+ members

IAESTE India – Manipal, Karnataka, India
Head, Consular and Member Affairs   September 2023 - September 2024
- Directed end-to-end visa management, coordinating across embassies and stakeholders to ensure timely approvals and compliance for all interns
- Improved membership workflows by introducing quality checks that reduced processing risks and enhanced data accuracy

Total Quality Manager   August 2022 - August 2023
- Audited departmental workflows to identify bottlenecks and recommended improvements, directly reporting insights to the Chairperson to align operations with organizational goals
- Coordinated with teams to resolve member inquiries quickly and accurately, strengthening backend support

ACADEMIC PROJECTS

AI-Based Protein Binding Classifier (IEEE Access)   June 2023 - December 2024
- Co-authored and co-developed a deep learning model combining Residual Networks and attention modules to classify protein sequences as DNA-binding, RNA-binding, both, or non-binding
- Achieved up to 0.95 AUC using PSSM inputs and sequence-aware convolution, improving reliability of protein function prediction in bioinformatics

MindGuard - Mental Health Classification Project   January 2024 - March 2024
- Developed machine learning models on DASS-42 data to classify depression, anxiety, and stress levels, increasing accuracy from 60–70% to 80–98% by combining key subscale scores for personalized insights

TECHNICAL

- Programming & Tools: Python(pandas, scikit-learn), SQL, Java, C/C++, PHP, HTML/CSS, Visual C#, MySQL, Google Colab, Excel, MS Office
- Data Visualization & Insights: Tableau, Dashboard Development (via Web Applications), KPI Definition & Tracking, Trend & Pattern Analysis, Statistical Analysis, Trend & Pattern Recognition, Data Storytelling
- Methods & Collaboration: Google Project Management (Certified), Agile & Scrum, SDLC, MVC, Process Design, User Research & Behavior Analysis, Requirements Gathering, Stakeholder Communication, Cross-Functional Collaboration