

# AAKANKSSHA KAALAY

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## SKILLS SUMMARY

**Domains:** Business Analysis, Functional and Non-functional Business Requirements, Elicitation, Documentation, Information Systems, Use Cases, Test Plans, User Acceptance Testing (UAT), Stakeholder, Agile Project Management

**Tools:** Jira, MS Project, Salesforce, Excel, Visio, Access, Tableau, MySQL Workbench, SharePoint

## WORK EXPERIENCE

**NORTHEASTERN UNIVERSITY**, Boston, MA

Sept 2018 – Present

*Business Analyst*

- Define, analyze, document technical, functional and non-functional business requirements, create use cases, user stories, conduct gap analysis to improve efficiency, communication, collaboration and process visualization
- Create and implement precise management plans to monitor project progress by tracking activity, milestones, identifying problems, recommending actions and ensuring impact of changes are understood by stakeholders
- Review test plans, facilitate UAT to monitor and validate system requirements, mitigate risks, ensure solution meets functional and non-functional requirements, provide optimal solutions and reduce turnaround time
- Conduct root cause analysis, problem analysis with stakeholders to better understand their needs, capture perspective, escalate complex issues, provide additional analysis, resolution and make recommendations

**WISDMALBS**, Pune, India

May 2017 – Aug 2018

*IT Business Analyst*

- Partnered with business functions, owners to determine, analyze, communicate objectives, define business requirements, document functional and non-functional specifications and manage new business opportunities
- Participated with business and cross-competency teams to develop project deliverables, business solution planning, business case, process analysis, requirements change management and business process modeling
- Led Joint Application Development (JAD) sessions with subject matter experts, stakeholders, owners, management to ensure functional and technical specifications meet the identified business needs within the organization
- Worked collaboratively with varied teams to implement specific technology and architecture necessary for solution assessment and validation, design and functional fit analysis based on requirements
- Involved in the business analysis planning, data analysis, Software Development Life Cycle (SDLC), system design and development, solution validation testing and UAT to ensure successful implementation and delivery
- Recommended alternative solutions which satisfied requirements, stakeholders, met schedules and budgets
- Earned Outstanding Performance Award. Recognized amongst the top 10% performers for <2 years' experience employees. Mentored new members of the team

## BUSINESS ANALYSIS/RESEARCH PROJECTS

### DATA WAREHOUSING AND SQL

Feb 2020 - March 2020

- Converted pharmacy's raw data into third normal form (3NF) and created dimension and fact tables in Excel
- Designed snowflake schema, assigned primary and foreign keys considering Cascade, Set Null and Restrict Referential Integrity Constraints and created Entity Relationship Diagram in MySQL Workbench and Toad
- Generated SQL query reports to set up test database before rollout

### COMMUNICATION AND DATA VISUALIZATION

Nov 2019 – Dec 2019

- Analyzed 13M records of 2019 Boston property housing data
- Designed interactive Tableau and RShiny visualizations for total property values, location, land area, building age
- Identified Back Bay and Sea Port as best value for residential and commercial property investment

## EDUCATION

**NORTHEASTERN UNIVERSITY**, Boston, MA

Mar 2020

Master's in Informatics, Concentration: Analytics | **GPA:** 3.93

**VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY**, Pune, India

April 2017

Bachelor of Engineering in Information Technology | **GPA:** 3.80

## EXTRA – CURRICULAR ACTIVITIES

**President**, Hindu Communities. **Mentor**, Women's Society of Entrepreneurship. **Team Lead**, Husky Volunteering.