

Aishwarya Sai Yadav Bura

Houston, TX

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SUMMARY

Software Engineer and Project Coordinator with 5+ years of experience, specializing in Agile/Scrum methodologies, Jira-based project tracking, and vendor governance support. Proven ability to drive cross-functional collaboration, improve operational processes, and support enterprise IT initiatives. Demonstrated success in streamlining workflows and optimizing processes to drive business impact.

Experienced in vendor governance support and cross-functional collaboration with strong communication and organizational skills.

Holds a Bachelor's degree and a track record of delivering effective, scalable tech solutions.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C/C++, SQL (PostgreSQL, MySQL, MongoDB, Firebase), JavaScript, JSON, HTML/CSS, R
- **Frameworks:** React, Apex (Salesforce), Node.js, Flask, WordPress, Angular, Bootstrap, AJAX
- **Developer Tools:** Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, NetBeans, Eclipse, IntelliJ, PyCharm, Git Bash, UNIX, Airtable, Tableau, Excel
- **Libraries:** pandas, NumPy, SDLC, ITSM, MS Word, MS Excel, Matplotlib
- **Project Governance Tools:** Jira, Confluence, Microsoft Excel (advanced), Airtable, SharePoint, Smartsheet, Trello, ITSM, ITIL
- **Project Management:** Risk Management, Change Process Management – Prosci model, Integration Management, Cost Estimation
- **Project Management & Methodologies:** Product Management, Agile, Scrum

CERTIFICATIONS

- Salesforce Administrator
- Python for Data Science, AI & Development – IBM

EXPERIENCE

Rockwell Career Center, University of Houston | Graduate Assistant

Sep 2024 - Present

- Automated the Bauer College Suit Closet rental process using Airtable and Fillout forms, improving database tracking and demonstrating strong organizational skills, database management.
- Developed a structured database system for secure rental record storage, underscoring attention to detail and foundational product management skills.
- Supported PM documentation including SOPs and tracking reports for service performance

Pivotal Soft Technologies | Salesforce Developer Intern

Jun 2023 - Nov 2023

- Developed and optimized Salesforce solutions using Apex and Lightning Components, enhancing system efficiency by 40% and reducing issue resolution time by 27% through effective project management.
- Automated workflows with Process Builders, streamlining business operations and integrating Jira for issue tracking.
- Earned Salesforce Certified Administrator credential to enhance system configuration and automation capabilities using Apex , Lightning components

Apsis Technologies | Web Developer

Aug 2017 - Aug 2022

- Designed and deployed web applications, yielding a 25% increase in productivity and improved user engagement through robust project management.
- Led development of an award-winning patient records system, increasing client satisfaction by 32% and optimizing performance by applying Agile methodologies and Scrum practices.

EDUCATION

University of Houston

Jan 2024 - May 2025

Master of Science, Management Information Systems (GPA: 3.9)

Houston, Texas

GIET College

Oct 2013 - May 2017

Bachelor of Technology, Civil Engineering (GPA: 3.8)

Rjy, India

PROJECTS

Real-Time Energy Demand Forecasting for Community Resilience

- Developed an AI-based system to predict energy demand, optimizing power distribution during extreme weather conditions, reducing outages by 20%

SHERP - Shark Tank Competition

- Developed AURA THRIVE, an AI-powered app for HIV/AIDS prevention with anonymous chat and AI-driven cognitive therapy.
- Conducted data analysis using R Studio and Tableau, contributing to a 2nd prize-winning health equity solution.

Second Annual MBA Crisis Competition

- Developed and presented real-time solutions for hotel construction challenges in Guatemala, earning 3rd place.

USAEE Case Competition - SMRs

- Secured 2nd place by analyzing Small Modular Reactors (SMRs) regulatory and economic landscape, delivering a strategic report.

Chess AI Game

- Designed a Chess AI application integrating Stockfish engine, enabling users to play against AI with adjustable difficulty levels, improving strategic decision-making skills.