NIVEDITA MANICKAM

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WORK EXPERIENCE AND PROJECTS

Wipro Limited • Client – Microsoft Corporation • Software Test Engineer • 03/2019 - 11/2022
- Performed compatibility and functional testing for Windows 11 OS, delivering results 2 weeks ahead of launch and improving stability and performance.
- Managed cross-platform testing for Amazon App Store on Windows 11, identifying and resolving 120+ critical bugs in collaboration with developers, enhancing product reliability.
- Facilitated scrum and sprint meetings to boost team collaboration and speed up decision-making, resulting in a 10% reduced planning and prioritization time and a 10% increase in sprint velocity for the testing team.

Symbotic: Strategic IT Analysis and Recommendations for Supply Chain Optimization • 07/2023 - 09/2023
- Conducted a SWOT analysis of Symbotic, identifying strategic growth opportunities and weaknesses.
- Presented actionable recommendations leveraging insights on autonomous robotics and AI-powered algorithms that will lead to a projected 15% increase in operational efficiency and up to 10% market share growth.

CryptoGuide: Leading the Development and Launch of a Crypto Education Platform • 01/2024 - 03/2024
- Led end-to-end delivery of a crypto education platform, including market research, user interface implementation, back-end architecture and development including the final product launch.
- Oversaw product testing, gathered customer feedback, and drove iterative improvements.
- Performed competitive analysis and used AI to enhance the product, ensuring on-time MVP delivery.

City of Seattle: Data-Driven Insights for Optimizing Recycling and Waste Management • 01/2024 - 03/2024
- Analyzed and visualized data using Tableau to suggest improvements in waste management and recycling efforts, which forecasted a 25% increase in recycling compliance.
- Developed a comprehensive dashboard with actionable insights, contributing to a 10% reduction in waste management costs, showcasing effective waste handling despite population growth.

Eldercare AI: Predictive Analytics for Improved Healthcare Outcomes • 03/2024 - 05/2024
- Developed a generative AI model using predictive analytics to forecast health risks and enable early interventions.
- Reduced adverse events by 20%, increased treatment adherence by 10% and improved patient satisfaction by 15%.

EDUCATION

Master of Science Information Systems - University of Washington (Foster School of Business), Seattle, WA
- GPA: 3.7/4   • 06/2024

Bachelor of Engineering Computer Science and Engineering - Anna University, Chennai, India
- GPA: 3.6/4   • 06/2013 - 05/2017

SKILLS

Program Management:
- Working knowledge of Agile and Scrum methodologies
- Experience with Confluence, Jira, and MS Office Suite (Excel, Word, PowerPoint)

Product Management:
- Proficient in product design, planning road map, and requirement gathering
- Skilled in stakeholder communication, prioritization, and risk mitigation

Leadership & Initiative:
- Proven ability to take ownership and deliver results beyond assigned roles
- Excellent time management and multitasking skills to ensure timely delivery of high-quality work

Technical Expertise:
- Familiar with SQL, Python (Pandas, NumPy, scikit-learn), Java, Oracle Database
- Strong analytical skills for data-driven decision-making. Skilled in data management including web scraping, data cleaning, ETL processes, data querying, and data preprocessing.
- Proficient in modeling techniques including linear and logistic regressions, decision trees, random forests, and k-means clustering.
- Well-versed with Tableau, Snowflake, Power BI, Matplotlib