# Vidyullatha Kavilukodige Sathishrao

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## Summary

Experienced Software Designer with a focus on data analysis and product performance. Skilled at translating user needs into technical specifications and driving process improvements through advanced analytics. Eager to leverage expertise in data analysis and product lifecycle enhancement as a Data Analyst.

## Education

**George Washington University** — **Jan 2024 - Dec 2025**
*Master of Science, Engineering/Business Management* (GPA: 3.88) — *Washington, DC*
- **Coursework:** Program and Project Management, Engineering Economics, Decision Making with Uncertainty, Marketing Analytics for Design Decisions , Programming for Analytics with Python, Introduction to Data Science with R, Database Management Systems (AWS)

**Dayananda Sagar College of Engineering** — **Aug 2015 - May 2019**
*Bachelor of Engineering, Computer and Information Science* (GPA: 8.98) — *Bengaluru, India*

## Work Experience

**George Washington School of Business** | *Student Program Coordinator* — **Jan 2025 - Present**
- Organized and coordinated student engagement programs such as networking events, leadership development and career development sessions, which enhanced student participation by 30%.
- Organized the Student Leadership Awards ceremony and automated the nominee anonymization process using Qualtrics and Excel (VBA) to ensure unbiased selection.
- Managed communication between students, faculty, and administrative staff, streamlining event planning and program execution through effective stakeholder collaboration.
- Developed marketing materials and outreach strategies using canvas, email campaigns and social media, increasing program awareness and attendance by 45%.
- Developed and delivered a leadership coaching program for 25+ George Washington School of Business student organization leaders, resulting in improved team management and event execution skills.

**Hewlett Packard Enterprises** | *Software Designer II* — **Mar 2023 - Nov 2023**
- Led product strategy and collaborated with product owners to reduce quote processing time by 15%, aligning product vision with business goals.
- Spearheaded the development of a process framework that increased efficiency by 35% through large-scale data ingestion and analytics improvements, including advanced data management techniques.
- Translated user requirements into technical specifications to align product features with customer needs. Integrated advanced analytics tools to enhance product KPIs, resulting in a 60% improvement in operational efficiency, leveraging data analysis skills.
- Developed Proof of Concept (POC) for analytics tools, optimizing product performance testing, and increasing processing capabilities by 30%. Planned features, roadmaps, and incorporated user feedback throughout POC development.
- Partnered with cross-functional teams in Agile/Scrum settings, overseeing the product lifecycle from user story definition to implementation for supply chain processes, utilizing PowerBI for data visualization to showcase improvements in team collaboration and streamlined operations.

**Hewlett Packard Enterprises** | *Software Designer I* — **Feb 2019 - Mar 2023**
- Built and maintained dashboards and reports to monitor key product metrics, reducing manual reporting time by 8 hours weekly and cutting waste by 20%. Used data visualization tools such as PowerBI for effective representation of data insights.
- Tested and optimized product outputs using SQL and Qlik, leading to a 47% reduction in query execution time and a considerable improvement in KPI tracking efficiency through strong statistical analysis methodologies.
- Collaborated with engineering, product, and sales teams, enhancing communication while implementing process improvements that increased system efficiency by 40%. Facilitated data analysis to identify and act upon system enhancement opportunities.

**Marvelsoft Solutions** | *Product Management Intern* — **Jun 2018 - Aug 2018**
- Conducted user research and implemented UI/UX enhancements, improving user satisfaction by 60%.
- Designed and developed a Tableau dashboard for a SaaS company, tracking customer behavior patterns and KPIs, contributing to a 30% increase in retention rates.

## Skills

- **Product Management:** Aligning product vision with business strategy, Key product metrics, Product lifecycle processes
- **Data-Driven Decision Making:** Proficient in using advanced analytics to derive insights, Optimize performance, Process Improvement
- **Data Analysis:** Statistical Analysis, Data Visualization, Big Data
- **Agile/Scrum Methodologies:** Sprint Planning, Defining user stories, Managing cross-functional team collaboration
- **Tools and Databases:** Jira, Qlik, Power BI, Tableau, Advanced Excel (VLOOKUP, VBA), SAP HANA, Vertica, HDFS, NoSQL, MS Office Suite, AWS, Azure, MySQL
- **User Research & UI/UX:** Expertise in gathering and applying user feedback, Improve product usability and satisfaction
- **Languages:** R, Python, SQL, HQL