Mridula Kalluru

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https://mridulakalluru.github.io/aMk_3071.github.io/

EDUCATION

Virginia Commonwealth University   **Richmond, VA**
Bachelor of Science, Major: Biology; Minor: Chemistry   **2018 - 2021**
Certifications: Product Management Certification + Agile Product Owner + Scrum, Full Stack development

PROFESSIONAL EXPERIENCE

Icahn School of Medicine at Mount Sinai   **New York, NY**
Oncological Research Associate, Project Manager   **Feb 2022 - Mar 2023**
- Subject matter expert (SME) in healthcare projects related to developing new gene therapies and treatment plans. Developed a thorough understanding of various modules such as data analytics, requirements analysis, product development/design, client management, etc.
- Built strong client relationships by fostering active communication and providing target solutions. Resulted in a 40% increase in client satisfaction metrics.
- Thoroughly understood and conveyed the requirements of stakeholders for product development.
- Generated product plans and roadmaps utilizing Agile methodologies, assessing teams' capabilities.
- Executed projects by collaborating with cross-functional teams and stakeholders, engaging software development, operations, medical affairs, marketing, and business representatives.
- Quantitatively analyzed data to inform data-based decision-making. driving strategic product development/automation while identifying over 10 potential therapeutic targets for precise investigation.
- Generated comprehensive Weekly Reports, conducted Benchmark Analyses, formulated Use Cases, managed Product Tickets, and tracked Metrics to meticulously monitor project deliverables. Leveraged this documentation to formulate strategic recommendations.
- Researched pain points/issues and proactively developed new Standard Operating Procedures (SOPs), established organizational workflows, and pioneered business process improvements that fostered a 20% cost reduction and a 15% increase in laboratory productivity and performance.
- Presented scientific materials, engaged with key opinion leaders at medical conferences, and ensured regulatory compliance, contributing to successful project completion and ongoing post-market surveillance.

Virginia Commonwealth University - Physics Department   **Richmond, VA**
Research Associate   **Feb 2020 - Jan 2022**
- Aided in developing personalized orthopedic bio-nanotechnologies, utilizing an advanced knowledge of CAD, 3D printing, and physics, demonstrating an ability to learn and adapt to new technologies and fields.
- Orchestrated and led team efforts, skillfully managed multiple project deadlines, overseeing responsibilities, and implementing monitoring schedules to ensure on-time delivery of deliverables.
- Applied statistical methods and data analysis techniques to analyze research data, uncovering valuable insights that informed critical decision-making processes within the project.

Liberty Language Services   **Richmond, VA**
Medical Scribe/Interpreter **(contractor)**   **Feb 2020 - Current**
- Collaborate with physicians and staff to optimize care for an average of 100 patients per week, improving patient flow, enhancing the quality of care, and increasing patients per hour by 40-45%.
- Utilized digital health platforms, cultivating a high-level proficiency in the EPIC/EHR systems.
- Translate and document medical visits performed by medical professionals in the languages of Telugu and English.

PROJECTS

Tic Tac Toe with AI opponent: Created a fully functional Tic Tac Toe game with player vs player and artificial intelligence game modes. Used Python and its Pygame module, object-oriented programming, and the minimax algorithm.
Breast Cancer prediction: Used Python and machine learning algorithms like logistic regression, decision tree, and random forest to create a Breast Cancer prediction model.

Technical skills: Python, Software Development Life Cycle (SDLC), Basic IT knowledge, Data Analysis, CSS, HTML, JavaScript, SQL**,** Microsoft Office Suite (Word, PowerPoint, Excel, etc.), G-Suite, CAD, HIPAA, EHR, Epic, Creative Design, Product Development   **Soft Skills:** Creativity, Communication, Passion for Learning, Time Management, Organization, Hardworking, Self-starter, Detail-oriented, Critical Thinking, Multitasking