

VAISHNAVI SUDHEER NAIR

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Objective: Seeking Product and Program Management internship/co-op in Spring, Summer, Fall 2025 to leverage my **techno-managerial** skills from **3 years'** experience to drive impactful projects within dynamic teams and deliver innovative customer-centric products in fast-paced environments.

EDUCATION

Purdue University <i>West Lafayette, IN</i> <i>Masters in Engineering Management MEM</i> <ul style="list-style-type: none">Technical Project Manager, Bayer SISTAC (Experiential learning); Building a data-driven decision-making dashboard, identifying KPI's and leveraging AI for transforming the service providing online healthcare at a start-up.Relevant Coursework - Risk Analysis and Management, Project Management, Marketing Management	Aug 2024 – May 2026 CGPA 4.0/4.0
National Institute of Technology (NIT) Calicut <i>Kerala, India</i> <i>B.Tech Computer Science and Engineering</i>	Jul 2017 – May 2021 CGPA 7.99/10.00

WORK EXPERIENCE

Product Engineer Target Corporation Pvt Ltd <i>Bangalore, India</i> <ul style="list-style-type: none">Headed a team of 6 to build a Minimum Viable Product (MVP) for an HR tool to automate recruitment scheduling; Implemented Agile methodologies to effectively assign tasks, manage tight timelines and create Product Requirement Documents (PRD).Directed teams as Scrum Master, orchestrating sprint ceremonies with clear communication, ensuring timely completion of deliverables to build in-house applications replacing third party software saving \$500000 annually.Led security initiatives, cross collaborated with sister teams to address endpoint vulnerabilities, automated processes with Vulnerability Management as a Service (VMaaS) tools, and boosted efficiency, saving 14 man-hours monthly.Optimized software code structure, reducing issue resolution time by 5%, increasing effectiveness of production support during peak sales season and minimizing downtime.Prioritized feature rollouts, optimized UI/UX and built APIs to enhance applications' performance and streamline functionality. Managed the product lifecycle while communicating with stakeholders to ensure alignment on product vision.Organized innovative team-building initiatives, significantly boosting interdepartmental collaboration and cohesion, facilitated women in tech group to address challenges, fostering an inclusive community and supporting career development.	Aug 2021 – Jul 2024
Software Engineering Intern Fidelity Investments <i>Bangalore, India</i> <ul style="list-style-type: none">Developed reusable and scalable batch pipeline for Grafana dashboards, automating data extraction from CSV files, storing into databases, and streamlining visualization of applications' health into a unified dashboard, reducing analysis time to 1 click.Collaborated with Personalization Business Unit (PZN), backing multiple applications across various business units ensuring seamless integration and performance optimization, addressing needs of each unit to enhance UX and operational efficiency	May 2020 – Jun 2020
Student Intern Daman Insurance <i>Abu Dhabi, UAE</i> <ul style="list-style-type: none">Synergized with IT Security on a (CMDB) Configuration Management Database project; built a Python tool to convert XML files to Excel, boosting efficiency by 10%.Collaborated with IT Service Desk, CMDB team, and IT Access Management to gain insights into business functions, enhancing cross-functional understanding and project alignment.	May 2019 – Jul 2019

LEADERSHIP

Member, Gender Affairs Council (GAC) <i>NIT Calicut, India</i> <ul style="list-style-type: none">Spearheaded the establishment of foundational regulations on the inaugural cohort committee, addressing challenges faced by marginalized groups, including female and LGBTQ students, through empathetic dialogue and directing them to relevant resources.	Jun 2020 – Apr 2021
Class Representative, CSE Branch <i>NIT Calicut, India</i> <ul style="list-style-type: none">Facilitated communication between 150 students and CS faculty, managing class and test schedules, and semester registrations while ensuring fair elective assignments and satisfying diverse scheduling needs.	Jul 2018 – Apr 2021
Training and Logistics Head, Fashion team <i>NIT Calicut, India</i> <ul style="list-style-type: none">Oversaw onboarding, training, design, and logistics; coordinated with academic and student residency heads. Handled procurement within budget; won the 2019 edition of Ragam, South India's largest Cultural festivals.	Dec 2017 – Mar 2021

PUBLICATION

Deep Sequence Models for Ligand-based Virtual Screening <i>Author, Published in Journal of Computational Biophysics and Chemistry</i> <ul style="list-style-type: none">Researched application of Transformer based AI models to streamline drug development and proposed a new performance metric. Optimized screening accuracy and efficiency by 27%.	Aug 2020 – Feb 2022
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SKILLS

IT: Jira, Confluence, MS Project, Grafana, SDLC, Postgres, MySQL, Database Management, C, C++, Java, ReactJS, Python.
Business Skills: Agile Scrum, Risk Management, Stakeholder Management, Conflict Resolution, Team Collaboration, Problem Solving.