

VAISHNAVI SUDHEER NAIR

West Lafayette, IN | +1 (765) 7720652 | vaish.sudheernair@gmail.com | vvaishna@purdue.edu | <https://www.linkedin.com/in/vaishnavi-sudheer/>

Objective: Seeking 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 | *West Lafayette, IN*

Aug 2024 – May 2026

Masters in Engineering Management MEM

CGPA 4.0/4.0

- **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

National Institute of Technology (NIT) Calicut | *Kerala, India*

Jul 2017 – May 2021

B.Tech Computer Science and Engineering

CGPA 7.99/10.00

WORK EXPERIENCE

Product Engineer | **Target Corporation Pvt Ltd** | *Bangalore, India*

Aug 2021 – Jul 2024

- **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.

Software Engineering Intern | **Fidelity Investments** | *Bangalore, India*

May 2020 – Jun 2020

- **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

Student Intern | **Daman Insurance** | *Abu Dhabi, UAE*

May 2019 – Jul 2019

- 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**.

LEADERSHIP

Member, Gender Affairs Council (GAC) | *NIT Calicut, India*

Jun 2020 – Apr 2021

- 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.

Class Representative, CSE Branch | *NIT Calicut, India*

Jul 2018 – Apr 2021

- 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.

Training and Logistics Head, Fashion team | *NIT Calicut, India*

Dec 2017 – Mar 2021

- 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.

PUBLICATION

Deep Sequence Models for Ligand-based Virtual Screening

Aug 2020 – Feb 2022

Author, Published in Journal of Computational Biophysics and Chemistry

- Researched application of Transformer based AI models to **streamline** drug development and proposed a new **performance metric**. Optimized screening **accuracy** and **efficiency** by **27%**.

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.