

# KARAN KARADENNAVAR

Rochester, NY | 585 993 4692 | kk1178@rit.edu | Open to relocate

## SUMMARY

Packaging Engineer with hands-on experience in full-cycle Packaging development, procurement, compliance, and process optimization, backed by a strong academic foundation from RIT. Seeking a full-time opportunity to apply my passion for innovation and deep industry knowledge.

## WORK EXPERIENCE

### **Lonza Small Molecules, Tampa, FL**

*Packaging operations Intern. | May 24 - Dec 24*

- Developed, evaluated, and created critical documents, and standard operating procedures (SOPs).
- Conducted process validation, encompassing developing, assessing, and implementing validation methodologies for pharmaceutical packaging processes.
- Supported initiatives for the operations team for enhancements, investigations, and deviations.
- Comply with all relevant state and federal regulatory regulations and guidelines.
- Provided technical support for all projects and procedures, including GMP packaging.
- worked on master batch records for process training and ensure their accuracy and compliance by reviewing executed batch records and SOP's.

### **RIT's Hub Print / Postal, Rochester, NY**

*Printing Assistant Co-op | Jan 2024 - Apr 2024*

- Operated Zünd high-precision cutting systems to develop corrugation packaging prototypes, utilizing modular tools for cutting, routing, and creasing various materials. Collaborated with design teams to enhance prototypes and implemented new machine features to boost efficiency.
- Managed wide format printing using Roland inkjet printers (both roll feed and flatbed)
- Worked with the Xerox IGen 5 150 Press, ensuring quality digital prints and performing color calibration to G7 standards

### **VEGROW Agritech, Bengaluru**

*Packaging and Procurement Engineer | Jan 2022 - May 2022*

- Collaborated with suppliers on product innovation, quality improvements, cost reduction, and packaging initiatives. Conducted rigorous product testing to ensure that the packaging effectively protects products from various distribution factors, such as shock, vibration, temperature, and humidity.
- Developed long-term partnerships with material suppliers, which ensured a consistent and reliable supply of raw materials while reducing material costs by 15% - 20%. Researched cutting-edge technology to develop sustainable packaging materials that reduced environmental impact.

### **Aequis Force Consumer, Belgavi**

*Packaging Development Engineer | Nov 2020 - Sep 2021*

- Led print and packaging development initiatives for global toy brands, including Hasbro and Spin Master.
- Collaborated with major packaging and print vendors such as TCPL, Parksons Packaging, and International Papers
- Conducted on-site press checks and managed proof color approvals to ensure brand color consistency across printed materials.
- Performed color matching and print QC to align production output with brand specifications and international print standards.
- Achieved 8–10% cost savings by standardizing carton layouts and optimizing print plate usage.

## RELEVANT COURSE WORK

Digital Printing, Tone and Color Analysis, Packaging Materials, Packaging Processes and Applications & Techniques, Package Structural design and testing, Smart Packaging MAP and CAP.

## SKILLS AND TECHNICAL EXPERTISE

Packaging Design (SolidWorks, ArtiosCAD), ISTA Testing, ASTM Standards, GMP Documentation, cGMP, FDA regulations, ISO Standards, Vendor Communication, Process Validation, TOPS and CAPE, Six Sigma Yellow Belt, 5S, Kaizen

## EDUCATION

### **Rochester Institute of Technology**

M.S. *Packaging and Graphic Media Science* | May 2025 (CGPA 3.2/ 4)

### **Manipal Institute of Technology**

B. Tech *Print, Media & Packaging Technology* | May 2020 (CGPA 3.8 / 4)

## AWARDS AND SCHOLARSHIPS

- 2023-2024 PGSF Scholarship - Recipient,
- PMMI Scholarship in Memorial of Claude S. Breeden, Glenn Davis, and Art Schaefer - Recipient,
- Meritorious Student of the Year 2017 Pune Vidyarthi Griha | August 2017