

BIPASANA SIDDHI BAJRACHARYA

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SUMMARY

Technical Designer specializing in apparel product development, patternmaking, technical specifications, and knitwear, with hands-on experience in CAD, STOLL flatbed knitting, and garment production in manufacturing setting

TECHNICAL DESIGN

Tech Packs • BOMs • Measurement Specifications •
Patternmaking • Pattern Development • Grading • Garment
Construction • Sample Development • Fit & Construction
Evaluation • Product Development • Manufacturing Support

SOFTWARE/ DIGITAL

Gerber AccuMark • CLO 3D • Adobe Illustrator • Adobe
Photoshop • STOLL M1+ • ERP • Pointcarré • Microsoft Office
•ERP system

PROFESSIONAL EXPERIENCE

Technical Design Specialist, National Safety Apparel, Cleveland, OH

Jan 2025 - Present

Technical Design Associate

Nov 2023 - Jan 2025

- Develop tech packs, BOMs, measurement specs, construction details, and samples for industrial, military, police, and safety apparel.
- Transfer acquired products to U.S. manufacturing by converting digital/paper patterns, developing production specs, establishing operation times, and adapting construction to in-house capabilities.
- Collaborate with Design, Product Development, Production, and Sales to resolve fit, construction, quality, and manufacturability issues.
- Develop customer-driven apparel solutions through pattern and construction modifications and prototypes; refine samples for approval and commercial orders.
- Evaluate samples and improve pattern libraries and development workflows to increase efficiency and reduce lead times

Knitting Technician, Warrior Sports, Shelby Twp, MI

Sep 2022 - Aug 2023

- Performed preventive maintenance and troubleshooting on flatbed knitting machines to ensure optimal production performance
- Oversaw daily production of lacrosse pocket across multiple machines, optimizing workflow efficiency and minimizing downtime.
- Diagnosed program-level and mechanical faults on flatbed machines, distinguishing programming errors from hardware issues during troubleshooting.
- Conducted quality checks on knitted components and documented results.

Internship, Blair Mead Designs, Erie, PA

Aug 2021 - Dec 2021

- Researched and sourced textiles, contacting suppliers and vendors to evaluate fabrics for quality, cost, and suitability.
- Digitally edited and rendered prints on garment designs; executed pattern grading.

Internship, Kaktus INC, New York, NY

Jun 2021 - Aug 2021

- Managed showroom sample, print, and fabric libraries; reviewed and photographed incoming samples for accuracy.
- Updated CADs, colorway, and created sales presentations decks for buyer meetings.

EDUCATION

Bachelor of Arts, Fashion Design | Minor in Textiles Kent State University

Aug 2018 – May 2022

New York City Study Away — Visual Merchandising

ADDITIONAL EXPERIENCE

Student Assistant, Office of the President, Kent State University, Kent, OH

Aug 2018 – May 2020

- Supported administrative operations, documentation, communications, and university activities while completing a bachelor's degree.

AWARDS AND LANGUAGES

- **Awards:** Knitwear Award (2022) • Universal Design Award (2022) • Creative Portfolio Showcase (2022) • Undergraduate Research Symposium (2021) • Spoonflower Student Project Grant (2020)
- **Languages:** English • Nepali • Hindi • Mandarin Chinese (Elementary)