

Pantho Chaki

Seamless Knit Design Engineer

3+ Years Experience | Circular Seamless | Santoni SM8-TOP2V (28G)

PROFILE

I am a Seamless Knit Design Engineer with over three years of hands-on industrial experience in developing performance garments for sportswear, gymwear, and baselayer categories. My core expertise lies in Santoni SM8-TOP2V programming, iPolaris structure development, and solving real production challenges. I focus on transforming buyer concepts into technically stable, production-ready seamless garments that meet performance, fit, and quality requirements.

CORE TECHNICAL SKILLS

- Knowledge of Santoni SM8-TOP2V (28G)
 - Creating programs in iPolaris software
 - Making designs according to buyer requirements
 - Controlling fabric performance: GSM, stretch, recovery, dimensional stability
 - Engineering compression layouts for performance and comfort
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TECHNICAL WORKFLOW

Buyer requirement → Structure & artwork development in iPolaris → Machine programming → Knitting & measurement verification → Dyeing coordination → Post-dye fabric evaluation → Fit & construction feedback → Technical refinement → Size-set approval → Production handover with continuous support

ENGINEERING CONTRIBUTIONS

- Solving Santoni SM8-TOP2V program problems
 - Creating and correcting iPolaris programs
 - Adjusting stitch and yarn settings for stable knitting
 - Engineering compression for proper fit and comfort
 - Supporting production during bulk
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PRODUCT EXPERIENCE

- Seamless sports bras
 - Leggings and men's leggings
 - Gymwear and active shorts
 - Baselayer T-shirts
 - Seamless jackets
 - Intimate apparel (bras, briefs, panties)
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MATERIALS & YARNS

- Polyester
 - Nylon
 - CDP
 - Elastane / Lycra blends
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TOOLS & TECHNOLOGY

- Santoni SM8-TOP2V (28G)
- iPolaris software
- Adobe Illustrator (basic)

SELECTED PRODUCT REFERENCES

Product 1: Enhance Seamless One-Shoulder Sports Bra (Red)



Brand: AYBL

Product Link: [Click Here](#)

My Role and Technical Contribution:

- Developed seamless program and structure for the product using **iPolaris**
- Programmed machine logic on **Santoni SM8-TOP2V** for high-quality knit and fit
- Engineered compression zones for comfort and durability
- Ensured fabric performance for stretch, recovery, and comfort based on buyer specifications

Product 2: Rib Scoop Neck Seamless Crop Top (Black)



Brand: Marks & Spencer

Product Link: [Click Here](#)

My Role and Technical Contribution:

- Developed seamless structure using **iPolaris** software
- Applied program logic on **Santoni SM8-TOP2V** for stable, high-speed production
- Adjusted stitch density for ribbed texture and shape retention
- Managed fabric properties for fit, comfort, and durability as per design requirements

Product 3: Dare To Women's Flared Shorts



Brand: PUMA

Product Link: [Click Here](#)

My Role and Technical Contribution:

- Developed seamless program and optimized structure for PUMA's product line
- Engineered compression zones and stitch density for fit and flexibility
- Ensured dimensional stability and consistent quality for mass production

Product 4: Adapt Seamless Leggings (Green)



Brand: AYBL

Product Link: [Click Here](#)

My Role and Technical Contribution:

- Engineered seamless leggings with **iPolaris** for optimized structure and fit
- Programmed Santoni SM8-TOP2V for accurate size consistency and smooth bulk production
- Controlled fabric behavior for stretch, recovery, and comfort, ensuring the best fit

All product images and links are sourced from publicly available websites and are used strictly for reference purposes. The descriptions of technical contributions are based on my work as a seamless engineer with these brands, where I provided product development and optimization services through my company.

WORKING STYLE

I work closely with design, sampling, fitting, and production teams to ensure seamless styles are technically sound and scalable. I focus on practical, production-friendly solutions that improve garment performance while maintaining manufacturing efficiency and quality consistency.

CAREER OBJECTIVE

To grow as a Seamless Knit Designer and Fabric Engineer, contributing to advanced seamless product development, performance optimization, and continuous quality improvement.