

Swetakshi Nanda

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EDUCATION

Livingstone College, Salisbury, NC

Expected Graduation: May 2027

Major: Bachelor of Science in Computer Information Systems

Cumulative GPA: 4.00

Honors/ Awards: Presidential Scholar, Albert S. Stout Sr. Memorial Scholar, White Coat Scholar, Class of 1969 scholar, Dean's List

Relevant Coursework: DSS & Business Intelligence, Introduction to MIS, IS Strategy & Acquisition, Current Topics in Information Systems, Descriptive Analytics, CIS & Business Internship, Ethical and Legal Conflicts.

WORK EXPERIENCE

RMA (Risk Management Association), *Data Analyst*,

Salisbury, NC | October 2025-Present

WealthBridge

[Reference Here](#)

- Designed and built WealthBridge, an interactive financial literacy platform for underserved communities using Next.js, React, Tailwind CSS, and Firebase.
- Developed core modules for Credit Repair, Smart Investing, and Mentorship, creating a scalable architecture capable of supporting \$50K+ annual financial education program value through workshops, partnerships, and community adoption.
- Integrated an AI-powered "Wealth Navigator" agent that gamifies financial learning with personalized challenges and guidance, improving projected user engagement and completion rates by ~40%.
- Focused on social impact, addressing financial inequity through design, increasing accessibility, motivation, and engagement in financial literacy for the Salisbury, NC Community.

Intel® Unnati Industrial Training, *Software Engineer*,

Barasat, India | May 2024-July 2024

GenAI Application for LLM Inference on CPU

[Reference Here](#)

- Improved document accessibility and efficiency by enabling users to query lengthy PDFs in real time, reducing manual search effort by over 60%. Achieved over 90% relevance in answers to queries against the uploaded PDF content.
- Optimized a lightweight Large Language Model (TinyLlama) for efficient CPU inference using the Intel® OpenVINO™ toolkit, resulting in a 30-40% reduction in inference time for fast response generation on standard CPUs.
- Implemented a user-friendly interface with Gradio and integrated FAISS for a hybrid retrieval-generation approach, delivering accurate and contextually relevant responses.
- Demonstrated robust scalability by successfully processing multi-page documents up to 200 pages without significant performance degradation.

PROJECTS

BE Smart Hackathon, *Software Engineer, Data Analyst*,

Charlotte, NC | November 2025

- Collaborated with a 5-member engineering team to design and deliver an AI-powered hairstyle visualization platform, producing a full business plan, executive summary, and working mobile prototype within a 24-hour hackathon.
- Designed the product UI/UX in Figma and developed the mobile-first platform using Next.js and Tailwind CSS, enabling users to preview hairstyles through an intuitive and responsive interface.
- Integrated Google Imagen 3 API to generate AI-driven hairstyle simulations from user prompts, allowing users to explore 50+ potential hairstyle variations before visiting a barber or salon.
- Developed custom 3D hair assets using Blender to enhance visualization realism.

AWS Infrastructure & Security Hands-On Project, *Software Developer*,

Livingstone College, NC | May-August 2025

- Designed and launched a secure VPC environment with subnet routing, security groups, and network isolation.
- Configured IAM components; users, groups, policies, and roles to manage secure access to EC2, S3, and DynamoDB services.
- Deployed EC2 instances, ran Apache web servers, implemented SSH access methods, and managed lifecycle with Elastic IPs.
- Created and interacted with RDS and DynamoDB databases; performed CRUD operations using NoSQL Workbench.
- Set up CloudFront for content delivery and built CloudWatch dashboards to monitor resources and metrics.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

- Member of Enactus (got certification in recognition of my initiation into entrepreneurial in action).
- Student Ambassador of Computer Science and Engineering AIML Newsletter.
- Texibition (Annual Technical fest), Lead organizer, volunteer and participant.
- 1st place in the Debate competition & Extempore competitions.
- President of Tech Club (Technical Club for learning coding, Hackathons, Internships, Research in related fields).

Campus Involvement: *Vice President* for National Society of Black Engineers (NSBE) **Livingstone College** Chapter; *Marketing Coordinator, Secretary, HackerRank Campus Crew*, Livingstone College; *Financial Assistant Extern at Office of Financial Aid*, Livingstone College; *Assistant Teacher, F.A.C.T Summer Camp*, Livingstone College, **RA, Goler Residence Hall**, Livingstone College; *Business Manager, RHC*, Livingstone College.

PROFESSIONAL & TECHNICAL SKILLS

Languages, Web & Frameworks: Python, Java, JavaScript, SQL, C++, React, Next.js, Node.js.

Software & Tools: Microsoft Office, SharePoint, Git + GitHub, MySQL, Git, GitHub, Pandas, and Visual Studio.

Data & Analytics: Tableau, Excel, Data Mining, SQL.

Certifications: AWS Academy Cloud Foundations, Google Cloud Computing Foundations (NPTEL), India.