AMRITA PRITOM PRAPTI

Dhaka, Bangladesh

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LinkedIn: [Amrita Pritom Prapti](#)

EXPERIENCE

[Genesys Softwares](#) — Software Engineer
August 2021 - Present

[BCMC College of Engineering & Technology](#) — Lecturer
January 2019 - January 2021

Shopify & Frontend Engineer (4+ Years) specializing in high-conversion ecommerce **storefronts, Shopify Plus, and custom theme & app development.** Experienced in **CRO-driven UI, performance optimization, metafields/metaobjects architecture, checkout logic, and scalable frontend systems using Liquid, JavaScript, Vue, Nuxt, React, and Hydrogen**. Proven track record of building revenue-impacting Shopify features for high-traffic stores.

Athletes Thread
#Built and scaled a Shopify Plus storefront with 150k+ products, leveraging metaobjects and metafields to power dynamic university, athlete, and sport-based pages. Developed a custom Shopify app for advanced filtering, significantly improving product discoverability and user experience, while optimizing collection rendering and frontend logic for high-traffic performance and long-term maintainability.

Happy Campers GF
#Designed and implemented checkout enforcement logic to ensure cart value thresholds, reducing invalid checkouts and improving purchase completion rate through controlled funnel behavior.

Viking Goods
Built subscription-based purchase logic with conditional product inclusion, enabling AOV growth and customer retention through automated entitlement rules.

Enthuzst
#Created Shopify features with a dynamic countdown, real-time entry calculation, and interactive rewards tied to customer accounts.

Print Your Cause
#Customized a Shopify theme with sliders, animations, and an interactive mega menu using raw JavaScript, optimized for high accessibility, fast performance, and strong SEO.

Pengine
#Developed bulk product upload and analytics dashboard with optimized Vue-based rendering.

Taskgrid
#Built task management system frontend using Nuxt.js with filters, statistics, and intuitive dashboards.

Campus Automation
#Created reusable Vue components for admin, teacher, and student dashboards.

SKILLS

Programming language:
JavaScript, Typescript, Liquid, Python, C, C++

Frameworks and Libraries:
Vue.js, Nuxt.js, React.js, Next.js, Node.js, Hydrogen

Database Technologies:
PostgreSQL, MongoDB

Development Tools: Git, GitHub, GitHub Actions, Docker

Cloud Services: AWS (S3, Lambda, EC2, ECR, Elastic Beanstalk)

ACADEMIC RESEARCH
An enhanced **image encryption technique** combining **genetic algorithm** and **particle swarm optimization** with chaotic function," *International Journal of Computers and Applications*, 2019.
https://doi.org/10.1080/1206212X.2019.1662170

EDUCATION
B.Sc. in Computer Science & Engineering

Jashore University of Science and Technology

Mar 2014 – Nov 2018