

# ANUSHIKA BALAMURGAN

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## EDUCATION

### Northeastern University | Boston, MA

Master of Science, Information System

Expected May 2027

### Mumbai University | Navi Mumbai, India

Computer Engineering

May 2023

## EXPERIENCE LEARNING

### Assistant Teacher, Kuttys Classes

May 2023 - Sep 2023

- Taught Mathematics to 9th and 10th grade students by creating engaging lesson plans and simplifying complex concepts through visual aids and real-world examples.
- Conducted regular assessments and personalized tutoring sessions to help students strengthen problem-solving skills and improve overall academic performance.
- Collaborated with other instructors to design a structured curriculum that fostered consistency, active participation, and measurable learning outcomes.

### National Service Scheme (NSS) Head

June 2021 - May 2023

- Managed and led a volunteer team of over 30 members to organize community service camps, donation drives, and awareness programs across local communities.
- Directed social impact activities such as educational skits and teaching sessions for underprivileged children, promoting literacy and life skills development.
- Coordinated logistics, resources, and partnerships with local organizations to ensure efficient execution of large-scale NSS initiatives and events.

## ADDITIONAL ACTIVITIES

### Tour Lead

Jan 2026 - July 2026

- Organized and led inter-state group tours across India, handling all logistics including travel planning, budgeting, and safety coordination for 20+ participants.
- Ensured seamless travel experiences by managing accommodation, transportation, and daily itineraries while addressing on-ground challenges effectively.
- Promoted team bonding and cultural awareness through interactive group activities, heritage exploration, and immersive learning experiences.

### Creative Head & Coordinator, College Cultural Committee

May 2023 - Sep 2023

- Supervised creative planning, décor, and event design for college fests and functions, ensuring cohesive themes and visually appealing setups.
- Managed a team of student volunteers to execute cultural programs, stage events, and campus decorations within strict deadlines and limited budgets.
- Collaborated with organizing committees and faculty to streamline logistics and maintain high-quality event experiences.

### Publicity Coordinator, Computer Society of India (CSI)

June 2021 - May 2023

- Designed and curated digital posters, banners, and promotional content in Canva to enhance event visibility and student participation.
- Collaborated with technical teams to develop communication materials that aligned with the objectives and branding of CSI initiatives.
- Increased audience engagement by managing pre-event announcements, social media promotions, and post-event updates.

## PROFESSIONAL EXPERIENCE

### Software Engineer | Larsen & Toubro Infotech (LTI) and Mindtree, Mumbai, India

Sep 2023 - Sep 2025

- Contributed to a React-based support platform for a global healthcare client, improving frontend performance and implementing client-driven features.
- Designed and implemented proof-of-concept Generative AI solutions for personalized information delivery and decision-making.
- Gained hands-on experience in frontend technologies, AI integration, and collaborative development within a client-focused environment.

## SKILLS

**Programming:** Python, C, C++, SQL, HTML, CSS, JavaScript, Git, GitHub, Streamlit, Flask, React, Node.js, M

**Databases & Data Systems:** MySQL, PostgreSQL, MongoDB, SQLite

**AI Techniques:** LLMs, Generative AI, Retrieval-Augmented Generation (RAG), LangChain, Groq, OpenAI, Hugging Face, Transformers, Vector Database, Machine learning models, model validation, Data Preprocessing, Evaluation metrics.

**Design Tools:** Figma, Canva

**Productivity Tools:** Microsoft Excel, Word, PowerPoint, Microsoft Office Suite, Google Sheets

**Soft Skills:** Analytical Thinking, Communication, Cross-Functional Collaboration, Problem Solving

**Interest:** Exploring Generative AI innovations, UI/UX design, Travel Photography, Content Creator, Painting, and Creative storytelling