

# Drubajyoti Debnath

## UX Engineer

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I design accessible, user-focused experiences by researching real user needs, crafting intuitive wireframes and prototypes, and collaborating across teams to deliver thoughtful solutions.

## Experience

JANUARY 2026 – Current

### Generalist Designer – NIELIT, Agartala

- Designed 30+ institutional creatives in 2 months, improving event visibility and brand consistency.
- Contributed in *Signvert*, an Indian Sign Language-based assistive tool; presented at AI Impact Summit 2026.

JANUARY 2025 – JUNE 2025

### UX Engineer Intern – Avant Technoinfra

- Contributed in the UI of the in-house CMS, reducing average user error rate by 20% through revamped navigation patterns.
- Designed clean, Google-inspired interfaces that streamlined navigation. Redesigned official website with 95+ PageInsights.

SEPTEMBER 2020 – AUGUST 2023

### UX Generalist

- Improved MIS workflow efficiency by 2–3 days per project cycle by interviewing internal teams, mapping friction points, and redesigning task flows and dashboards in Figma from research to high-fidelity prototypes.
- Led end-to-end UX for a fast-paced startup, collaborating with developers to ship responsive dashboards and SCSS-based UI components, improving usability and reducing back-and-forth during implementation.
- Designed accessible mobile prototypes for Tier-3 cities and built cohesive visual systems (logos, style guides, web interfaces), strengthening brand consistency and increasing user engagement across client projects.

AUGUST 2019 – AUGUST 2020

### Web Designer – Software World

- Created intuitive, responsive UIs with CSS and progressive enhancement, collaborating on REST API integrations.
- Improved cross-device support and cut mobile drop-off by ~30% through layout and performance refinements.

## Skills

User Research & Usability Testing

Wireframing & Prototyping

Accessibility & Inclusive Design

Interaction Design & UX Flows

Visual Design & Brand Alignment

Responsive UI Design

Design Systems & Mockups

Animation & Motion Design

Storyboarding & User Journeys

Figma • Illustrator • Photoshop •

Miro • HTML/CSS • JavaScript • Git

## Case Studies

Meethub : Event management app with real-time RSVPs and QR check-in.

ScrapCooks : AI-powered recipe generator with leftover foods at home.

## Certificates

Google UX Design (Coursera)

Responsive Design (freeCodeCamp)

Javascript DSA (NIELIT)

Hemoglobin Prediction (IEEE)

## Education

**MRIIRS, Faridabad** –B.Tech CSE

JULY 2022 – JUNE 2025 7.5 CGPA

**NIELIT, Agartala** –Diploma in CSE

JULY 2019 – JUNE 2022 8.2 CGPA