

# ANUBHAB DEBNATH

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## SUMMARY

Full-Stack Web Developer and UI Designer passionate about building scalable, user-centric applications. Experienced in React, TypeScript, and cloud deployment with AWS. Adept at collaborating in agile teams, mentoring peers, and delivering high-impact UI experiences. Seeking opportunities to contribute to innovative software solutions and grow with like-minded teams.

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## EDUCATION

<b>Secondary (88%) and Higher Secondary (90%) - CBSE</b>	<b>2020-2022</b>
Kanchrapara Harnett English Medium School	
<b>Bachelor of Technology in Computer Science and Engineering</b>	<b>2022-2026</b>
Adamas University	

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## PROFESSIONAL EXPERIENCE

<b>UI Designer Intern, Blanc Technologies</b>	<b>April 2023 - March 2024</b>
<ul style="list-style-type: none"><li>Contributed to the development of Agrishop, enhancing UI/UX on both web and mobile platforms.</li><li>Collaborated with senior designers and developers to build scalable UI components, reducing turnaround time by 15%.</li><li>Mentored junior UI and graphic designers, fostering design consistency and team efficiency by 35%.</li></ul>	

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## SKILLS

**Frontend:** React.js, Next.js, TypeScript, Tailwind CSS  
**Backend:** Node.js, Express.js  
**Database:** MongoDB, PostgreSQL (familiar)  
**DevOps/Cloud:** Docker, AWS (S3, CloudFront), Firebase  
**Others:** Git, GitHub, WebSockets, Figma

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## PROJECTS

### Learning Management System (LMS)

Tech Stack: Next.js, React.js, TypeScript, Express.js, MongoDB, Stripe, AWS

- Developed a scalable LMS with user authentication, video streaming, and payment integration.
- Implemented secure Stripe-based checkout flow and role-based access using Clerk.
- Deployed using Docker on AWS with frontend hosted on Vercel.
- [Live Demo](https://learning-management-system-one-theta.vercel.app) - <https://learning-management-system-one-theta.vercel.app>

### DNS Server – CodeCrafters Challenge

Tech Stack: TypeScript

- Engineered a functional DNS server capable of parsing and constructing DNS query packets.
- Added support for recursive DNS resolution and A/AAAA/CNAME record types.

### Git from Scratch – CodeCrafters Challenge

Tech Stack: TypeScript

- Recreated foundational Git commands like init, add, and commit using low-level object structures (blobs, trees, commits).
- Built internal file structure and hashing mechanism for version control.