

ANSH KOTNALA

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PROFESSIONAL SUMMARY

Engineering student at **Delhi Technological University (DTU)** with proven expertise in **full-stack web development** using **Next.js, MERN stack, and cloud technologies**. Strong problem-solving skills with **150+ Data Structures & Algorithms** problems solved on **LeetCode**. Proficient in **OOP, network security**, and performance optimization, with a track record of building **scalable, responsive, and user-centric applications** that drive measurable engagement and efficiency gains.

SKILLS

Programming Languages : C, C++, Python3, JavaScript (ES6+), TypeScript

Web Technologies : HTML5, CSS3, React.js, Next.js, Node.js, Express.js

Databases & ORM : MongoDB, Mongoose, Prisma, PostgreSQL, Redis

Developer Tools & Platforms : Git, Docker, AWS, Linux, VS Code, Postman

Core CS Concepts : Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Network Security

Professional Skills : Agile Development, Effective Communication, Problem-Solving, Time Management

EDUCATION

Delhi Technological University , DTU (Formerly DCE) , India

2023 - 2027

- Mechanical Engineering (Minor in Information Technology) | CGPA: **8.48** (Till 4th sem)

Joseph and Mary Public School , India

2007 - 2022

- CBSE (Class XII), Percentage : 94.8%
- CBSE (Class X), Percentage : 89%

WORK EXPERIENCE

Full Stack Developer (Intern) – AZ Softwares

July 2025 - Sept 2025

- Developed **responsive web interfaces** using React.js and built **scalable backend services** with **Node.js** and **Express.js** for production-ready web applications used across **internal tools, client-facing dashboards, and admin workflows..**
- Designed and managed **MySQL and MongoDB databases**, contributing to **REST API integrations**, system architecture decisions, schema modeling, query optimization, data handling strategies, and backend performance improvements across **multiple application modules**.
- Collaborated in a **team-based agile development environment**, participating in code reviews, **debugging**, unit testing, deployment workflows, sprint planning tasks, feature implementation, and issue resolution under **senior engineer technical guidance**.

PROJECTS

StudyNotion | [Github: Repo](#) | [Live: StudyNotion](#)

Jun 2025

- Built a **scalable MERN-based EdTech platform** enabling end-to-end course creation, student enrollment, and content delivery via modular **REST APIs**.
- Implemented **secure JWT + OTP authentication** with role-based access; integrated **Razorpay payments** and cart, wishlist, and enrollment workflows.
- Designed **Cloudinary-based media handling** and instructor analytics dashboards (earnings, progress etc) using Chart.js, improving engagement **by 20%**.

True Feedback | [Github: Repo](#) | [Live: True Feedback](#)

July 2025

- Built a **privacy-focused anonymous feedback platform** using **Next.js** and **TypeScript** with shareable links and dashboard-based message management.
- Implemented **dual authentication** with **NextAuth** and custom email/password auth; integrated **Google Gemini AI** for intelligent feedback prompts.
- Developed a **responsive, accessible UI** using **Tailwind CSS** and Radix UI with dark/light mode, improving mobile UX score by **~40%**.

Droply | [Github: Repo](#) | [Live: Droply](#)

Sept 2025

- Built a **Dropbox-like cloud storage app** in **Next.js** and **TypeScript** supporting **1K+ file uploads**, folders, starring, trash, and fast downloads.
- Implemented **drag-and-drop uploads, 100+ file types, Clerk authentication**, CRUD operations, and a responsive dark-mode UI.
- Integrated **ImageKit storage (50GB+)**, optimized media delivery, and deployed to Vercel with **99.9% uptime** configuration.

CERTIFICATIONS

- **Full-Stack Web Development – ChaiCode Web Dev Cohort - Live 1.0 (160+ hours**, led by Hitesh Choudhary & Piyush Garg) ([Certificate Link](#)).
- **Software Development Practices – Datacom Job Simulation** on Forage (Feb 2025): Hands-on experience in **bug diagnosis, application optimization, and code enhancement**.

ACHIEVEMENTS

- Solved **150+ Data Structures & Algorithms problems** on **LeetCode**, improving problem-solving and algorithmic thinking.
- School Topper and Scored **94.8%** in CBSE Class XII and **89%** in Class X.