

Anurag Dey

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EDUCATION

Jadavpur University

B.E. Printing Engineering (Dept. Rank: 1)

Nov 2022 - Jun 2026

Current CGPA: 8.5 (upto 5th Semester)

Coursework: Data Structures & Algorithms, Database Management System

EXPERIENCE

House of Development | Software Development Intern

Jan 2025 – Mar 2025

- Enhanced and normalized product data models using RESTful APIs and MVC architecture for a BSE-listed firm's e-commerce platform.
- Improved API performance by 30% via pagination, filtering, and query optimization; supported payment gateway integration and multimedia handling.
- Contributed to building a careers portal for efficient application management.
- Tech Stack:** Node.js, Express.js, MySQL, Sequelize ODM.

Manuscript AI (Whixic Technologies Private Limited) | Full Stack Developer Intern

Jul 2024 – Nov 2024

- Designed a BCNF-normalized PostgreSQL schema and implemented user-based access control via Payload CMS.
- Built a high-performance full-stack Next.js app (95+ Lighthouse score) with responsive UI/UX, AWS S3 media handling, and automated email notifications.
- Integrated SEO and performance optimizations, achieving 10× faster load times and 20% lower memory usage.
- Tech Stack:** Next.js, TypeScript, Tailwind CSS, Payload CMS, Nodemailer.

PROJECTS

Concise.ai | Next.js, TypeScript, Google Gemini, LangChain, Clerk, Stripe, Tailwind CSS, NeonDB | [🔗](#) | [Live Link](#)

Jun. 2025

- Built an AI-powered PDF summarization platform using Google Gemini and LangChain, featuring structured summaries, interactive viewer, and user dashboard built using Next.js, Tailwind CSS and Shadcn UI.
- Integrated Clerk auth, Stripe billing, UploadThing (AWS S3) for secure uploads, NeonDB (PostgreSQL) for storage.

Stu-Rental | React.js, SCSS, Leaflet.js, Node.js, Express.js, Mongo DB, Prisma ORM, JWT, Redis | [🔗](#) | [Live Link](#)

Aug. 2024

- Developed a rental listing platform for university students using React, SCSS, Node.js, Express, MongoDB, Prisma ORM, with secure JWT auth and Vercel proxy for compliant cookie handling.
- Implemented listing CRUD with save feature, Leaflet.js mapping, and optimized performance via Redis caching.

SKILLS

Languages: C/C++, JavaScript/TypeScript, Python

Frontend Libraries & Frameworks: HTML/CSS, React.js, Next.js, Tailwind CSS, SCSS, Shadcn UI, GSAP

Backend & Databases: Node.js, Express.js, Prisma ORM, Sequelize ODM, Mongo DB, MySQL, PostgreSQL, JWT, Redis

Tools & Platforms: Git/GitHub, VS Code, Figma, Payload CMS, Postman, Vercel, Illustrator, Photoshop

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

Semi-Finalist (Top 350 Teams) among 42K+ Participants | TVS Credit E.P.I.C 6.0 - IT Challenge

Sep 2024

Best Beginner award among 60+ Teams in a Hackathon event | HACKFORGE (SRIJAN '24)(Tech-Fest of JU)

Mar 2024

Finalist among 640+ Participating Teams | BIZATHON (CONCETTO '23)(Tech-Fest of IIT (ISM) Dhanbad)

Apr 2023

POSITIONS OF RESPONSIBILITY

E-Cell, Jadavpur University | Design Head | Ex-Coordinator & Core Member

May 2023 – Present

- Organized various events under E-Cell helping in reach-out increasing participation by 20% to 45% across various events

Hult Prize Foundation | Campus Director

Aug 2024 – Apr 2025

- Led a 100+ member team to grow event participation by 75% YoY (250+ students); secured 3 sponsorships and earned a Hult Prize Global Award nomination.