

Antas Jain

+91 6266850915 ✉ antasjain.workmail@gmail.com  [linkedin.com/in/antasjain](https://www.linkedin.com/in/antasjain)  github.com/imsoul11

Education

Indian Institute of Information Technology Nagpur
Bachelor of Technology in Computer Science and Engineering

Nov 2022 – Jun 2026
(CGPA of **8.8**).

Technical Skills

Languages / Databases: Go, JavaScript, TypeScript, C++, Python, Java, PostgreSQL, MongoDB

Frameworks / Tools: Next.js, React.js, Node.js, AWS, GitLab, GitHub

Coursework: Computer Networks, Object-Oriented Programming, Database Management Systems, Operating Systems.

Work Experience

Setu (by Pine Labs) - Go, Next.js, PostgreSQL, AWS, Docker, RabbitMQ, Swagger/OpenAPI

Software Engineer, Payments

Jul 2026 – Present

Software Engineer Intern

Sep 2025 – Jun 2026

- Owned the **end-to-end design and implementation of the Bill Reminder** (Auto-Fetch) feature for **BBPS (COU)**, enabling proactive **recurring bill notifications** through **asynchronous polling and webhooks**, **increasing bill payment API calls by 25%**.
- Implemented an **automated DB archival system** using AWS Lambda, pg_partman, RDS S3 exports, and Terraform for infrastructure provisioning. Archived daily partitions across 7 critical tables, reducing **database storage** from **10 TB to 4 TB** and **cutting overall costs by ~40–50%**.
- Implemented **SQS based queue separation** for bill-fetch operations, enabling controlled throttling while safeguarding payment processing. Achieved **0-downtime migration** through phased producer-consumer routing, ensuring **0 message loss**.
- Implemented **exponential backoff and retry mechanisms** for MDM APIs, achieving a 95% improvement in successful **data synchronization during transient NPCI service unavailability**.
- Analyzed **VAPT** findings and implemented HTTP security headers (CSP, HSTS, X-Frame-Options, X-Content-Type-Options) to mitigate web vulnerabilities
- Ensured **WCAG 2.1 compliance** by improving **accessibility features** such as semantic markup, keyboard navigation, ARIA attributes, and contrast ratios, enhancing usability for assistive technologies.

Fas-10 - Next.js, JavaScript, Supabase, Tailwind CSS, Vercel, REST APIs

Freelance Software Engineer (Part-time during Sophomore Year)

Jun 2024 – Aug 2024

- Collaborated with stakeholders to gather requirements and built a certificate management platform, reducing certificate generation time by 90%.
- Designed a database and backend workflows to automate** the lifecycle of 1,000+ test certificates.
- Implemented server-side rendering (**SSR**), accelerating initial page rendering and reducing client-side rendering overhead

Technical Projects

Call Analytics Platform

React.js, Node.js, MongoDB, AI Models

[Repository](#) [Deployment](#)

- Architected an AI-powered call management system** analyzing customer interactions across employees.
- Implemented a **leaderboard system** to boost employee engagement through competitive rankings.
- Designed a **role-based** dashboard giving employees, managers, and admins their own tailored view.

Achievements

- Knight** on [LeetCode](#), **Pupil (1247)** on Codeforces, **3-Star coder (1616)** on CodeChef.
- Finalist, HERE Hackathon** – BITS Pilani (**Top 10 of 250+ teams**)
- Secured Global Ranks under **3000** across multiple coding contests, by solving 500+ Data Structures and Algorithm problems.

Positions of Responsibility

Technical Coordinator, IIIT Nagpur / Coding Club / DotSlash

- Led the planning and execution of **coding contests, practice sprints, and internal hack-style challenges** within the club.
- Reviewed **code submissions and problem-solving approaches**, promoting clean and efficient coding practices.

