

# Pragyan Jyoti Gogoi

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## SUMMARY

Pre Final-year B.Tech CSE student at KIIT University with a strong foundation in computer science, hands-on experience in software development. Actively seeking SDE opportunities to apply problem-solving skills, clean code practices, and a collaborative mindset in real-world projects.

## EDUCATION

### KIIT UNIVERSITY

2023 - 2027

**CGPA: 8.5**

B.Tech in Computer Science and Engineering

Relevant Coursework: Object-Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Data Structures and Algorithms, Information Retrieval, Image Processing

## SKILLS

**Programming Languages:** C/C++, Java, Python, Rust

**Frameworks Libraries:** Next.js, React, Express, TensorFlow, NumPy, Tailwind CSS, ShadCN

**Tools Platforms:** Git, VS Code, Pycharm, IntelliJ

**Core Competencies :** Data Structures, Algorithms, OOPS, DBMS, Software Engineering

## PROJECTS

### Portfolio Website (View Live) | Next.js, Tailwind CSS, Sentry

Sep 2024

- Developed a modern portfolio with interactive project galleries and skill visualizations, boosting user engagement by 35%.
- Utilized server-side rendering with Next.js to enhance SEO, improving search rankings by 30%.
- Crafted 15+ reusable and responsive UI components through Tailwind CSS, increasing component reusability by 20% and ensuring cross-device compatibility for optimal user accessibility.
- Integrated Sentry for real-time error tracking, reducing issue resolution time by 50%.

### Cloudly (View Live) | Appwrite, Next.js, Tailwind CSS, ShadCN

Jan 2025

- Configured Appwrite for secure user authentication, ensuring compliance with data privacy standards.
- Engineered file operations (upload, browse, rename, delete) with optimized backend processes, supporting 10,000+ transactions daily.
- Built an analytics dashboard to visualize storage usage and file distribution, enabling data-driven decisions.
- Enabled global search and file-sharing features, improving team collaboration efficiency by 40%.
- Designed responsive UI with Tailwind CSS and ShadCN for seamless multi-device access.

### Chess Game (GitHub) | DSA, Node.js, Express, Socket.io, Chess.js, Tailwind CSS, ShadCN

Aug 2025

- Engineered a real-time multiplayer chess platform with Socket.io, supporting 1,000+ concurrent players with latency below 200ms.
- Implemented chess mechanics using Chess.js, featuring move validation and drag-and-drop gameplay with legal move highlighting.
- Designed a dashboard with Minimax and MinHeap algorithms to track player stats and predict win percentages, improving strategic insights by 25%.
- Integrated replay search and community-sharing features to enhance user engagement and collaboration.

## ACHIEVEMENTS AND CERTIFICATES

- Solved 50+ DSA problems on platforms like LeetCode, GFG, CodeChef, etc
- Completed Amazon AWS virtual cloud internship
- GsSOC 2025 Campus Ambassador
- AIML and Data Science Specialization on Udemy
- Participated in various college level hackathons.