

Alex Sharma

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SKILLS

Languages: Python, Java, C++, JavaScript | **Web:** React, Node.js, REST APIs | **Data/ML:** Pandas, NumPy, scikit-learn | **Tools:** Git, GitHub, Docker, Linux

EXPERIENCE

Software Engineering Intern — Nexlab Technologies

Bengaluru, India | May 2025 – Jul 2025

- Built and shipped 3 internal REST API endpoints used by the analytics dashboard team, reducing average report load time by 30%.
- Wrote unit tests that increased backend test coverage from 62% to 84% across two core modules.
- Collaborated with a 5-person team using Git-based code review to ship weekly feature releases.
- Tools used: Python, Flask, PostgreSQL, Git, Docker.

Teaching Assistant — Data Structures & Algorithms

Bright Path University | Jan 2025 – Apr 2025

- Held weekly doubt-clearing sessions for 40+ students and graded weekly problem sets.
- Created supplementary practice notes on trees and graph algorithms used by two subsequent course batches.

EDUCATION

Bright Path University — B.Tech, Computer Science & Engineering

Expected Graduation: 2027 | CGPA: 8.6 / 10

Senior Secondary (Class XII) — Delta Public School | 2023 | 92%

PROJECTS

CampusConnect — Database-Management-System-Based Student Portal

- Built a full-stack portal for managing student club registrations and event RSVPs, used by 6 campus clubs.
- Designed a normalized PostgreSQL schema and a Node.js/Express REST API with JWT-based authentication.
- Tech: React, Node.js, Express, PostgreSQL, JWT.
- GitHub: github.com/alexsharma-dev/campusconnect | Live: campusconnect-demo.vercel.app

WeatherNow — API-Based Weather Forecast Application

- Built a responsive weather app consuming a public weather API, with 5-day forecast and location search.
- Implemented client-side caching to cut redundant API calls by roughly 40%.
- Tech: JavaScript, React, OpenWeather API.
- GitHub: github.com/alexsharma-dev/weathernow | Live: weathernow-demo.vercel.app

ACHIEVEMENTS

- Finalist (Top 15 of 200+ teams) — Bright Path University Annual Hackathon, 2025.
- Solved 350+ problems across competitive programming platforms; rated in the top 10% of participants.
- 1st Runner-Up, Inter-College Coding Sprint, 2024.

POSITION OF RESPONSIBILITY

- Coordinator, Computer Science Society — organized a 3-day coding workshop attended by 120+ students (Aug 2024 – Present).