

BINOD DEY

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Professional Summary

Third-year B.Tech Computer Science student with a strong foundation in Python, SQL, data analysis, and web development. Currently learning machine learning and natural language processing, with experience building AI-powered and EdTech applications, including a platform serving 1,800+ users. Interested in data analytics, AI, and scalable software solutions.

Education

BTech – Computer Science & Engineering

2024 - Present

JECRC University, Jaipur, Rajasthan, India

Skills

- **Languages:** C, C++, Python, JavaScript, SQL
- **Web:** HTML5, CSS3, TailwindCSS, Streamlit, Flask
- **AI/ML:** Scikit-learn, NLP, Pandas, NumPy, Rest APIs
- **CS Fundamentals:** Data Structures & Algorithms, OOP, Operating Systems, Computer Networks, Database Management
- **Tools:** Git, GitHub, VS Code, Notion, Canva
- **Soft Skills:** Communication, Ownership, Problem-Solving, Product Thinking, Adaptability, Collaboration

Projects

Note Nexus – Student EdTech Platform [[notenexus.in](#)]

2025 – Present

HTML | CSS | JS | SQL

- Built and launched a platform for BTech Students to access structured notes, academic resources, and mentorship
- Grew the platform to 2,300+ users within 5 months of its launch, with 350+ resources
- Drove product development end-to-end, from identifying user pain points to shipping iterative feature improvements based on feedback.
- Enhanced usability and engagement by organizing content into actionable study systems, improving accessibility and learning efficiency

Resume Analyzer using AI and NLP [[Github](#)]

2026

HTML | CSS | JS | Python | Flask | Scikit-Learn

- Built an AI-powered resume analysis tool that parses PDF/DOCX resumes and evaluates ATS compatibility using NLP techniques.
- Implemented skill extraction, job-description matching, and ATS scoring to identify skill gaps and improve resume quality.
- Developed an interactive Streamlit dashboard with AI-generated feedback and resume optimization recommendations.

Achievements

- Selected finalist – IIT Madras (IoT water management project) [[Project Report](#)] 2026
- National 19th rank (top ~7%), Product Titans: National Product Management Challenge 2024 – selected from 300+ participants across India [[Certificate](#)] [[Product](#)] 2025

Certifications

- Google Cloud Computing Foundations [[Certificate](#)] 2026