ALOK PANDEY

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Birla Institute of Technology, Mesra GitHub LinkedIn

OBJECTIVE

Quick-learning Computer Science undergrad seeking a Junior Software Developer role. Comfortable with problem solving in Python, C++, basics of Linux, networking, and AI tools and Prompt Engineering.

EDUCATION

• Birla Institute of Technology, Mesra, Ranchi

B. Tech in CSE

Expected Aug 2027

• CGPA: 8.01/10 (4th semester)

TECHNICAL SKILLS

- Languages: C++ (proficient), Python, Java (learning)
- Tools & OS: Linux (terminal, SSH, curl, Bash), Git, GitHub, VS Code, Jupyter
- Databases: PostgreSQL, SQLite
- Frameworks & Libraries: Streamlit, NumPy, Pandas, Matplotlib, Seaborn
- Core Subjects: Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Organization & Architecture, Object-Oriented Programming, Computer Networks, Software Engineering
- Additional Tools: Windows, GSSoC Contributor

EXPERIENCE

• Junior Dev Simulation, Self-Study

Live Coding Practice

2025

- Solved 50+ algorithmic problems live under timed conditions.
- Used ChatGPT/Gemini to research APIs and debug in real time.
- GSSoC Contributor, GirlScript

Open-Source Projects

2025

- Implemented features and fixed bugs in Python/JavaScript repositories.
- Collaborated via Git, pull requests.

PROJECTS

• ConvertX File Converter

- Built full-stack app using Python (Streamlit) and Python for PDF/DOCX/TXT conversion.
- Integrated real-time processing, error handling, and dark/light UI.
- Deployed on Streamlit Cloud

COMMUNITY

• NSS Volunteer (2023-25): Organized blood donation drives and awareness events in rural areas.