AMAN NATH JHA

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Education

Pursuing B.Tech from Kalinga Institute of Industrial Technology (KIIT)   Electronics and Computer Science
CGPA- 8.2   Year of Graduation- 2027

About

Hey there! I'm someone who loves creating, building, and constantly learning new things. I'm curious by nature and always excited to explore how things work—whether it's in tech or everyday life. I enjoy solving problems, taking on challenges, and turning ideas into something real. When I'm not working on projects, you'll probably find me experimenting with something new or planning what to build next.

Relevant Coursework

Data Structures and Algorithms   UI/UX   Computer Architecture
DBMS   Data Analytics   Operating Systems

Experience

- **Data Analytics & Web Dev Intern, TATA Steel**
  Built an interactive Tableau dashboard to monitor supply chain movement; performed data cleaning and analysis to identify inefficiencies and trends.
- **AI/ML Intern, Tech Saksham**
  Developed a disease pre-diagnosis system using Python, Streamlit, and ML classification models.

Projects

1. Shopping Mall Management System (Java, Swing, SQL, Flutter)
- Developed a cross-platform app to manage shops, staff, inventory, and billing.
- Built the admin panel in Java Swing and customer interface in Flutter.
- Used SQL for efficient data handling and transaction management.

2. Disease Diagnosis System (Python, Streamlit, ML)
- Built a web app using ML to predict diseases from symptoms via classification models.
- Used Streamlit for real-time user interaction and fast diagnosis.
- Improved accuracy with preprocessing, feature selection, and model tuning.

3. Banking System with Role-Based Access (Java, Spring Boot, SQL, JPA, JWT)
- Developed a secure banking app with customer, admin, and auditor roles.
- Integrated Spring Security and JWT for authentication and role-based access.
- Implemented account operations and transaction logs with Spring Boot and SQL

4. Supply Chain Dashboard Project (Excel, Tableau, Data Analysis)
- Designed a dashboard to visualize KPIs like inventory, procurement, and order status.
- Cleaned and analysed supply chain data to track performance and improve decision-making.
- Created a wireframe and built interactive visuals for stakeholder reporting.

Technical Skills

Programming Languages- C, C++, Java, Python, HTML, CSS, SQL, SWING, Spring Boot
Developer Tools: Linux, Canva, GitHub, Figma, WordPress, Adobe, Tableau, Power BI, VS Code, Eclipse, Android Studio