



AMAN NATH JHA

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Education

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

Relevant Coursework

Data Structures and Algorithms
Computer Architecture
Data Analytics

UI/UX
DBMS
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.
- **Java Dev Intern, Pinnacle Labs**
Worked on Java Swing for desktop interfaces and Flutter for cross-platform app development.
- **Java Dev Intern, Code Alpha**
Worked on different development tasks provided by the company.

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: VS Code, Eclipse, Anaconda, Android Studio

Technologies/Frameworks: Linux, Canva, GitHub, Figma, WordPress, Adobe, Tableau, Power BI