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

About

I am a passionate and curious developer who thrives on creating, building, and exploring new technologies. With a strong problem-solving mindset and a hands-on approach, I enjoy turning innovative ideas into functional solutions. Whether working on software projects or experimenting with new tools, I am always eager to learn, improve, and take on new challenges in tech and beyond.

Relevant Coursework

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

Experience

- **Data Visualization & Web Dev Intern, TATA Steel (Jun 2024 – Jul 2024)**
  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 (Feb 2025 – Mar 2025)**
  Developed a disease pre-diagnosis system using Python, Streamlit, and ML classification models.
- **Junior Web Dev Intern, MiIT Technologies Inc (April 2025 – June 2025)**
  Worked on front-end and back-end tasks for client projects at the firm; used HTML, CSS, JS and modern web tools.

Projects

1. <u>VaultX</u> - **A secure, role-savvy digital bank with Spring-powered armor. (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
2. <u>SympTrack AI</u> - **An ML-powered symptom whisperer for early disease prediction. (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. <u>Chainlytics</u> - **Turning messy supply data into clean decisions. (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.
4. <u>MallMaster 360</u> - **Your all-in-one mall universe — powered by Java (Java, Swing, SQL)**
   - Developed a cross-platform app to manage shops, staff, inventory, and billing.
   - Built the admin panel in Java Swing and customer interface in Swing.
   - Used SQL for efficient data handling and transaction management.

Certifications

- Data Analytics Job Simulation | Deloitte Australia Forage (May 2025)
- Full Stack Web Development by Angela Yu | Udemy (June 2025)
- Python Foundation Certification | Infosys SpringBoard (June 2025)

Technical Skills

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