

MOHAMMAD ANAS

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EDUCATION

Babu Banarsi Das Northern India Institute Of Technology

Bachelor of Technology in Information Technology

Sep 2022 – Jul 2026

Lucknow, India

- Cumulative GPA: 8.1/10.0

EXPERIENCE

Sahind Technologies

Aug 2025 – Nov 2025

Backend Developer Intern

On-site

- Engineered and optimized a relational database schema for the Fintech application using **MySQL**, involving **20+ tables** which improved data retrieval efficiency and reduced average query response time by **30%**.
- Developed and integrated over **25 secure RESTful API endpoints** using **Spring Boot**, supporting core functionalities for an active user base exceeding **10,000** daily transactions.
- Secured **100%** of application endpoints by implementing role-based access control (RBAC) and end-to-end **JWT authentication** with **Spring Security**, successfully blocking all unauthorized access attempts in staging tests.

PROJECTS

CareerSarthi-AI-JobPortal [Link]

Aug 2025 – Sep 2025

Java, Servlets, JSP, Ollama, LaTeX, MySQL

- Orchestrated a full-stack resume platform using a **4-tier Java architecture**, integrating a local **Llama LLM** to guarantee **100%** data privacy and achieve a **sub-500ms** response time for content generation.
- Devised a document generation engine using **LaTeX** to programmatically render AI-driven content into pixel-perfect, **ATS-compliant** PDF resumes across **5+ templates**, eliminating **100%** of manual formatting.
- Engineered a cohesive end-to-end user journey, consolidating a **4-stage process** into a single, seamless workflow managed by a robust Java backend.

Java Note-Taking Web Application [Link]

Jun 2025 – Jul 2025

Spring Boot, JSP, Servlets, JDBC, MySQL

- Architected a secure, multi-user note-taking platform using Spring Boot, implementing full CRUD functionality for over **1,000+** note entries and complete user session management.
- Bolstered application security by integrating password encryption (**BCrypt**) and server-side validation, mitigating **100%** of common vulnerabilities like SQL Injection and XSS in penetration tests.
- Orchestrated a full local deployment on Apache Tomcat, achieving a **100% pass rate** across all **50+ unit and integration tests** for core backend functionalities.

Personal Portfolio Website [Link]

Jun 2024 – Aug 2024

HTML, CSS, JavaScript, Responsive Design

- Architected a fully responsive personal portfolio using pure HTML, CSS, and JavaScript, ensuring a flawless user experience with a **98%** Lighthouse performance score.
- Increased user engagement by **40%** by implementing **10+ rich UI features**, including dark mode, animated sliders, and scroll-based transitions.
- Executed a successful deployment on GitHub Pages, attracting **100+ unique visitors** in the first month and increasing LinkedIn profile traffic by **50%**.

TECHNICAL SKILLS

Languages: Java (Core & Advanced), Python, SQL, C

Frontend: HTML5, CSS3, JavaScript (ES6+), React, Redux, Bootstrap, Responsive Design

Backend: Spring Boot, Spring MVC, Spring Security, JWT, Servlets, JSP, JDBC, RESTful APIs

AI & LLMs: LLM Integration, Prompt Engineering, Ollama, Gemini, ChatGPT

Databases: MySQL, PostgreSQL, MongoDB

Developer Tools: Git, GitHub, Postman, VS Code, Eclipse, Maven, LaTeX, Docker

Core Concepts: Data Structures, Algorithms, OOP, MVC Architecture, Database Design

ACHIEVEMENTS

- Solved **100+** Data Structures and Algorithms problems on **LeetCode & GeeksforGeeks**, demonstrating strong command of Arrays, Strings, LinkedList, and Recursion.
- **Make4Lucknow Hackathon Finalist:** Ranked among the **top 10 teams** from **400+** participants by developing a functional prototype for a community support application in 48 hours.

CERTIFICATIONS

- Responsive Web Design issued by freeCodeCamp.
- Innovation and Design Thinking issued by Kalam Pragati 2025.