Mahak Bansal

Master Computer Application , 2025

Anindependentandself-motivatedhardworking individual dedicated towards goals

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EDUCATION

09/2025

Master of Computer
Artificial Intelligence And Machine Learning ,
Amity University (Noida)

Bachelor of Computer
Mody University (Sikar)

EXPERIENCE

DucatIndia , Gurgaon , India

- Java Full-Stack Developer TraineeFeb
- Developed backend systems for e-commerce platforms , optimizing order and cart management modules .
- Built and maintained REST APIs for admin features , increasing operational efficiency by 25% .
- Collaborated in Agile teams for feature development and iterative .

RELEVANT COURSES

Data Structures & Algorithm

Operating Systems

Machine Learning

Object Oriented Programming

Computer Networking

Compiler Design

High Performance Computing

TECHNICAL SKILLS

- JAVA8 , J2EE
- JavaScript , Hibernate
- Spring MVC , Spring Boot
- Spring security , css3
- REST AIPs , React
- JUnits , HTML5
- MySQL
- Maven , MongoDB
- Jenkins
- Apache ,Tomcat , Agile/Scrum
- Eclipse , IntelliJ IDEA
- Windows , Linux

PROJECTS

- <u>Personal Portfolio Website</u>

-Created a portfolio website to showcase skills and projects .
-Implemented responsive navigation and sections using React Router .
-Features include resume download and social media integration .

- <u>Real-Time Weather Application</u>

- Developed a responsive weather app to display real-time weather data .
-Integrated third-party Weather API for temperature , humidity , and wind speed .
-Designed a mobile-friendly UI with Tailwind CSS .

- <u>LLM-Based Chat Applications</u>

-Built a chat application using OpenAI's GPT API for human-like conversations .
-Implemented prompt engineering , context management , and memory for coherent dialogue .
-Developed frontend with React and backend with Node.js and Express for real-time messaging .
-Deployed on cloud with secure API key management .

ACHIEVEMENTS

Chess competitions : Ranked in university and school tournaments , enhancing strategic planning and analytical skills

LANGUAGES

- Hindi : First Language
- English : Intermediate (B1)