

RAIMA DEB

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OBJECTIVE

A motivated third-year Computer Science student with hands-on experience in backend development and fine-tuning AI models. I am passionate about learning new skills and working collaboratively in technical environments. Seeking an internship opportunity to apply and expand my programming, problem-solving, and software development skills in a dynamic and challenging environment.

EDUCATION

Birla Institute of Technology and Science, Pilani, Dubai Campus

Bachelor of Engineering (B.E.) in Computer Science

Currently in Third year

Expected Graduation: June,2027

St. Joseph's Convent, Chandannagar, West Bengal, India

Schooling

April, 2008 -May, 2022

Percentage: 85.03%

SKILLS

- **Programming Languages:** Python, Java
- **Web Development:** HTML, React
- **Tools & Technologies:** Git, Linux, MySQL, Excel, PowerPoint
- **Soft Skills:** Organized, Time-management, Teamwork, Excellent communication, Detail-oriented, Adaptable to learning new technologies

WORK EXPERIENCE

BACKEND DEVELOPER INTERN | AIINHOME TECHNOLOGIES PVT. LTD.

June 8 - August 1

- Helped in **developing RESTful APIs** to support core business functionality, **improving data retrieval efficiency.**
- Built and optimized backend modules using Python
- **Fine-tuned pre-trained LLMs** on domain-specific datasets to improve its performance
- **Integrated MySQL databases** for seamless data storage and management as well as implemented **user authentication, session management and secure data access protocols**
- Worked with tools like **Git** for version control, **testing and deployment.**
- Contributed to **debugging and resolving backend issues**, reducing bug resolution time by 20%

PROJECTS

Voice Assisted Weather Application (City Cast App)-

- It **provides real-time weather information for any city** in the world and also **suggests a clothing tip** based on the weather and **stores the data in a database.** It can also **predict the weather from a pincode** of a given area.
- It also has an **integrated AI chatbot which answers any weather related questions** and supports both text and voice inputs.

Secure Suite: A Reporting Tool made using VAPT and OSINT-

- It takes an **IP address or domain as input** and then **performs several automated checks** including **nmap scanning, OSINT lookups** for e.g., Whois and DNS queries , **basic web vulnerability scanning**.
- It then **generates a detailed report in both plain text and PDF formats** for easy sharing and analysis.

An AI Tour Guide and Translator (LangWay)-

- It recommends you the **best places to visit** when u enter any city name and also **suggests some good restaurants** from that area
 - It also has an **inbuilt translator** which **translates from any input language** (currently Hindi, English and Bengali) **to the language of your choosing**.
 - Mainly comes with voice inputs for translation and both text and voice inputs for the tour guide.
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CERTIFICATIONS

Cybersecurity and Ethical Hacking (Academy of Skill Development)

June 21- July 21

- Mastered the fundamentals and basics of cybersecurity
- Gained hands-on experience in **VAPT** using tools like **Nmap, Burp Suite and Metasploit**
- Worked in simulated environments to **exploit vulnerabilities ethically** and document findings in professional style security reports
- Developed awareness of **cyber laws, ethical guidelines**, and **real-world attack methodologies**

The Web Developer Bootcamp 2025 (Udemy)

- Mastered latest and up to date technologies of **both backend and frontend**.
 - Learned a new framework, **React** and built a project using it (still in development).
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EXTRACURRICULAR ACTIVITIES

- **Active member of ACM-W Club** at BITS Pilani, Dubai
- Participated in a **"Hack-a-Bot" Hackathon Competition** hosted by **Microsoft Tech Club** and ACM-W at BITS Pilani, Dubai Campus.
- Participated in **IIIT Sri City's International Healthcare Hackathon**.
- Volunteered for BITS Pilani Dubai's Inter-College Cultural Fest, **JASHN** as part of the **logistics and registration team**.