Mohammed Akramuddin

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in LinkedIn   ⌗ GitHub   ⅄ Leetcode

EDUCATION

SR University   2023-2027
Bachelor of Technology in Computer Science   Warangal, Telangana
- GPA: 9.9/10

EXPERIENCE

Rinex.Ai   Banglore, India
Cybersecurity and Ethical Hacking Intern   Sep-Oct 2024
- Conducted **systematic penetration testing**, identified over **15 security vulnerabilities**, and provided **detailed recommendations** to enhance the platform's **defense strategy** and overall resilience.
- Designed a **forensic investigation workflow** with **Autopsy**, analyzed **50+ digital artifacts**, and provided **insightful presentations** on **GDPR compliance** and **HIPAA standards**.

Oasis Info Byte   New Delhi, India
Java Developer Intern   Oct-Nov 2024
- Developed **core functionalities** of an **interactive guessing game**, incorporating **real-time score tracking** and **random number logic**; enabled over **150 rounds played daily** during **beta testing period** among **peer participants**.
- **Created** an efficient **online reservation system** with comprehensive features such as **reservations** and **cancellations** to improve **accessibility**; findings directly addressed **three main usability problems** identified through **user testing sessions**.

SKILLS

- **Programming:** Java| Python| JavaScript
- **Frameworks:** React| FastAPI| Bootstrap
- **Web:** HTML| CSS| JavaScript| NodeJS
- **Coursework:** DSA| Operating System| DBMS| CN
- **Databases:** SQL| MySQL
- **Tools:** Visual Studio Code| NetBeans
- **Source & Version Control:** Git| GitHub
- **Other Skills:** Data Science, Cyber Security, Ethical Hacking

PROJECTS

ATM Simulator System | JAVA (SWING & AWT), MYSQL
- **Engineered** an **efficient ATM Simulator System** by **designing core functionalities** in just **3 weeks**; **facilitated hands-on learning** experiences for users while ensuring **compliance with banking regulations** throughout **development**.
- **Integrated robust features** for **account management** alongside **deposit processes** to enhance overall operational efficiency; findings led to resolving **three major issues** causing delays in transactions based on **customer feedback**.

YouTube Video Downloader | HTML, CSS, JAVASCRIPT,PYTHON, FASTAPI
- Developed a **web application** simplifying the process of **downloading videos** through **straightforward input methods**; findings highlighted **essential shifts** towards more **efficient usage patterns** among **early adopters** within **two months**.
- Implemented **robust backend scripting** that improved overall **retrieval efficiency by 35%** compared to existing solutions, significantly boosting system performance.

AI-Powered Chatbot | HTML, CSS, JAVASCRIPT, PYTHON,FLASK,OLLAMALLM
- **Engineered** an **intuitive chatbot** that **streamlines interaction**, making **user engagement easy** and **efficient**.
- Achieved **2 times faster improvement** in **response** and **data retrieval efficiency**, significantly enhancing overall **system performance** compared to prior implementations.

ACCOMPLISHMENTS

- **Elected Membership Chair** for **Cloud Computing** and **DevOps** clubs, showcasing **leadership** and **organizational skills** to foster **technological innovation** and **collaboration**.

CERTIFICATIONS

- **Cisco: Python Essentials**   **Oct 2024**
- **AWS Academy Graduate - AWS Academy Cloud Foundations**   **Aug 2023**
- **AWS Academy Graduate - AWS Academy Cloud Architecting**   **Aug 2024**
- **CCNA: Introduction to Networks**   **Mar 2023**