

Kumari Mousam

Full-Stack / React / Python Developer

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PROFESSIONAL SUMMARY

Passionate Computer Science student with experience in Web development React, Python, Django, and full stack projects. Proven skills in team leadership, project management, and problem-solving, demonstrated through hackathons and technical society roles. Seeking opportunities to apply technical skills and contribute to innovative projects in a dynamic software development environment.

TECHNICAL SKILLS

- Languages:** Python, JavaScript, C++, SQL
- Frameworks:** Django, Django REST Framework, React, React Router
- Databases & Tools:** PostgreSQL, Git, GitHub, REST APIs, AWS S3, Stripe
- Core Concepts:** OOP, Data Structures & Algorithms, Authentication (JWT)

PROJECTS

E-Commerce Web Application | Django, React, PostgreSQL

- Built a scalable full-stack application with REST APIs and JWT-based authentication.
- Implemented React front-end with React Router for seamless navigation.
- Integrated AWS S3 for file storage, Stripe for payment processing, and email services.

Phishing Detection Using URL | Machine Learning

- Preprocessed datasets using Pandas and engineered features with NumPy.
- Trained and evaluated ML models using accuracy, precision, and recall metrics.
- Visualized performance results using Matplotlib; datasets sourced from Kaggle

EXPERIENCE

Biomedical Equipment Intern – Sir Ganga Ram Hospital, Delhi | June 2022

- Operated and maintained ECG, EMG, ventilators, and patient monitoring systems.
- Assisted in troubleshooting and ensured equipment reliability in clinical environments.

EDUCATION

- B.Tech in Computer Science & Engineering | GPA: 8.4 | 2023–2026
HMR Institute of Technology and Management, Delhi
- Diploma in Medical Electronics | GPA: 8.2 | 2019–2021 | DSEU, Delhi

LEADERSHIP & CERTIFICATIONS

- Coordinator – TechExpo 2025, Smart India Hackathon 2024, Crack the Code (DSA Event)
- Certifications: DSA using C++, Full Stack Web Development, SQL Masterclass