DEEPANSHU SHARMA
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Beat a CEO in cyber chess...by finding vulnerabilities they m1$$ed!

 @anshu129   /Deepanshu-sharma

EXPERIENCE

❖ **Cyber Security Intern | Ministry of Electronics & IT (Delhi)**   (*March-May 24*)
Engineered an advanced Android application using high-payload QR code secret-hiding technology that leverages optics and color encoding, achieving a 3* increase in data storage. This enables QR code readability across three distinct viewing distances: near, medium, and far.

❖ **GPCSSI | Haryana Police (Cyber Department)**   (*June-July 23*)
Investigated and identified vulnerabilities exploited by hackers for financial fraud, conducting detailed analysis of data dumps for evidence. Contributed to cybersecurity enhancement by researching emerging cyber threats, analyzing and improving security measures, and supporting the development and implementation of robust security protocols.

❖ **Website Developer | Limra Infracon**   (*March-May 23*)
Designed and developed a robust SaaS website for a retail business, leveraging PostgreSQL for database management and Next.js for a seamless user experience.

EDUCATION

❖ Computer Science Engineering | National Forensic Sciences University   *CGPA: 8.0 | (present)*
❖ XII (TSBIE) | Fiitjee Junior College, Hyderabad   *83.4%| 2021*

ACADEMIC PROJECTS

❖ **Academic Research | National Forensic Sciences University**   (*Aug-Sep 24*)
Conducted academic research on a novel CAPTCHA pattern that requires users to type at their own speed, utilizing speed and keystroke dynamics to differentiate between bots and humans.

❖ **Minor Project | National Forensic Sciences University**   (*Sep-Dec 23*)
Developed an AI-powered Rubik's Cube solver utilizing machine learning algorithms, including OpenCV, Convolutional Neural Networks (CNN), and TensorFlow, to efficiently identify optimal solutions.

ACHIEVEMENTS

❖ **Open Source Contribution | Libre Office**   (*20 Aug 24 - Present*)
Contributed to LibreOffice with over 10 enhancements and bug fixes, actively participating in the open-source community to improve software functionality and user experience.

❖ **CTF | HACKATHONS**   (*Mar 22 - Present*)
Engaged in Capture the Flag (CTF) competitions and hackathons, securing 1st place at the NFSU Cyber Week CTF. Demonstrated strong problem-solving and teamwork skills while participating in various hackathons, winning multiple prizes for innovative solutions and technical excellence.

❖ **LeetCode | deepanshu_sharma_6_12**   (*Present*)
Completed over 50 problems on LeetCode, enhancing problem-solving skills and proficiency in algorithms and data structures.