

Mohammad Shahnawaz khan

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SKILLS

- **Languages:** Python, Java, C++, C, JavaScript, Kotlin, HTML, CSS, XML
- **Frameworks:** Bootstrap, Node.js, React
- **Tools/Platforms:** MySQL, MongoDB, Google Sheets, AWS (EC2), API Integration, Dashboards & Reporting
- **Soft Skills:** Problem-Solving, Data Analysis, Workflow Optimization, Strategic Marketing, Team Work, Adaptability

INTERNSHIPS

- **Cyber Security Intern | IBM** Jun 2024 – Jul 2024
- Certificate*
- Developed a **Cryptography Security System** using Python, HTML, CSS, and JavaScript to demonstrate encryption and data protection workflows.
 - Implemented classical ciphers (Caesar, Mono Alphabetic, Vernam) to strengthen data confidentiality.
 - Conducted **vulnerability assessments** and gained experience with industry tools (Nmap, Wireshark, Nessus) for risk analysis and reporting.
 - Explored challenges in **web, mobile, and cloud security**, strengthening problem-solving and analytical skills.

PROJECTS

- **AI Chatbot for Legal Help** Since Sep 2025
- Developed a mobile application to provide **legal assistance** using **Kotlin and XML**.
 - Integrated **Gemini API** to enable AI-powered query handling and real-time responses.
 - Designed an intuitive **UI/UX** for seamless user interaction, ensuring accessibility and reliability.
 - Helped streamline **legal workflows** by automating repetitive queries and reducing manual effort.
- Tech:** Kotlin, XML, Gemini API, Firebase , UI/UX
- **AI-Powered Anomaly Detection System** Jan 2024 – Jun 2024
- Developed an AI-based system to **detect anomalies in large datasets** with real-time alerts and predictive insights.
 - Built **dashboards and reporting systems** to visualize irregular patterns and assist in decision-making.
 - Enhanced operational efficiency by enabling **proactive risk mitigation** and **workflow optimization**.
 - Collaborated on feature engineering and data preprocessing to improve model accuracy.
- Tech:** Python, TensorFlow, OpenAI API, Data Visualization

CERTIFICATIONS

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| • Cloud Computing – NPTEL | Apr 2025 |
| • Ethical Hacking Essentials (EHE) – EC-Council | Sep 2024 |
| • Digital Forensics Essentials (DFE) – EC-Council | Sep 2024 |
| • CompTIA Linux+ – Cybrary | Apr 2024 |
| • Prompt Engineering with ChatGPT – Coursera | Feb 2024 |
| • Generative AI for Everyone – Coursera/Google | Jan 2024 |

CO-CURRICULAR ACTIVITIES

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| • Organized a campus-wide esports event (KOC), showcasing leadership and strategic planning skills through effective marketing and event management. | Jul 2025 |
| • Attended Symposium 2.0 LPU | Apr 2024 |
| • Participated in WOW Google Workshop LPU | Mar 2024 |

ACHIEVEMENTS

- **Organized KOC Esports Event:** Jul 2025
Conceptualized and executed a full-scale esports event, managing logistics, participants, and coordination, demonstrating strong leadership and project management skills.
- **Project Team Lead:** Apr 2025
Led development of **EduDeep Android App**, managing tasks, timelines, and team collaboration from design to deployment.

EDUCATION

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| • Lovely Professional University | Punjab, India |
| Bachelor of Technology - Computer Science and Engineering; CGPA: 6.40 | Since September 2025 |
| • Rana Public School Powayan | Shahjahanpur, UP |
| Intermediate; Percentage: 93% | April 2019 - March 2021 |

