

Bablu Kumar

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Projects

Event Reminder Application | [Link](#)

August 2025 - September 2025

- Build a desktop application to schedule, manage, and organize events efficiently.
- Developed a JavaFX-based event reminder application with add, edit, and delete functionality, using MVC architecture with FXML and CSS for a structured and interactive user interface.
- Improved event management efficiency and strengthened Java, JavaFX, and DSA skills through optimized data handling.
- Tech: Java, JavaFX, FXML, CSS

Blue Team Cross-Analyzer | [Link](#)

May 2025 – July 2025

- Strengthen blue team monitoring by proactively identifying suspicious activities.
- Designed and implemented a Python based log analysis tool to parse authentication, IDS, and firewall logs, correlate IP addresses, detect failed logins, and blocked IPs, and generate automated security report.
- Accelerated threat detection, enhanced network security visibility, and enabled quicker, data-driven incident response.
- Tech: Python, Log Files, Basic SIEM Concepts, Firewall Logs, IDS Logs, IP Address Analysis, Automated Reports

Certifications

- | | |
|---|-----------------------|
| • Security Principles ISC2 | December 2025 |
| • Python for Data Science Python | October 2024 |
| • Bits and Bytes of Computer Networking Google | September 2024 |
| • Introduction to Operating System IBM | September 2024 |

Skills

- **Languages:** Python, Java, HTML, CSS
- **Frameworks:** Bootstrap, NodeJS, React
- **Tools:** Git, GitHub, Wireshark, Try Hack Me, Virus Total, SIEM, MITRE ATT&CK
- **Soft Skills:** Problem- Solving, Logical-Thinking, Continuous Learning

Education

- | | |
|---|---|
| • Lovely Professional University Punjab
<i>Computer Science and Engineering — CGPA: 5.6</i> | 2023 – 2027
<i>Phagwara, Punjab</i> |
| • Ram Krishna College Madhubani
<i>12th with Science — CGPA: 7.2</i> | 2019 – 2021
<i>Madhubani, Bihar</i> |
| • D.D. +2 High School Umgaon
<i>10th with Science — CGPA: 7.2</i> | 2017 – 2019
<i>Umgaon, Madhubani, Bihar</i> |