

BOMMINENI THARUN KUMAR

Aspiring Cybersecurity and Software Development Professional

+91-7702124348 | [Gmail](#) | [Linkedin](#) | [Github](#) | [Portfolio](#)

OBJECTIVE

To secure a challenging position in a reputable organization to enhance skills and contribute effectively. Committed to driving success through expertise, dedication, and continuous growth.

EDUCATION

| Degree | School/Institute | Board/University | Year of Passing | CGPA/PER |
|---------------|-------------------------------|------------------|-----------------|----------|
| B. Tech (CSC) | SVEC, Tirupati | JNTUA | 2025 | 80% |
| Diploma (EEE) | Govt. Polytechnic Chandragiri | SBTET | 2022 | 72% |
| S.S.C | Z.P.H.School, Krishnapuram | BSEAP | 2019 | 9.5 |

SKILLS

- | | |
|------------------------------|--|
| • Programming Languages | Python, SQL, Basics of Java, HTML, CSS, JS |
| • Frameworks & Libraries | Pandas, NumPy, Matplotlib, Flask |
| • Data & BI Tools | Power BI, Excel, MySQL |
| • Cybersecurity & Networking | Nmap, Metasploit, Wireshark, Kali Linux |
| • Tools & Technologies | Git/GitHub, Linux |
| • Platforms | Jupyter Notebook, Visual Studio Code, IDLE Python |
| • Soft Skills | Rapport Building, Stakeholder Management, Teamwork |

INTERSHIPS

Cybersecurity Intern

[Edunet Foundations] | Duration: 6 Weeks

- Developed a **keylogger project** using **Python** and **Linux**, implementing **keystroke recording**, **email logging**, and **screenshot capturing**.
- Researched **hardware and software-based keyloggers**, analyzing system behavior with **Wireshark** and **Process Monitor**.
- Created a **Python script** to detect **suspicious processes** and **registry changes** associated with keylogger activities.
- Documented findings, prepared detailed reports, and contributed to the organization's **threat intelligence repository**.

PROJECTS

Signature Fraud Detection using Deep Learning and Machine Learning

Jan 2025

- Developed a signature fraud detection system using Deep Learning and Machine Learning, achieving 95% accuracy.
- Preprocessed and augmented a dataset of **5000+ signature images**, improving model performance by **10%** over traditional methods.
- Implemented CNNs and achieved a **15%** higher detection rate through data augmentation techniques.
- Deployed the model with Flask, achieving response time under 1 second and **98%** precision and **96%** recall on test data.

- Designed and developed a responsive landing page using HTML, CSS, and JavaScript, ensuring cross-device compatibility.
- Focused on layout precision, alignment, and styling, delivering an engaging and user-friendly design.
- Implemented interactive elements using JavaScript to enhance user experience and functionality.
- Optimized the landing page for fast loading times and smooth performance across various browsers.

CERTIFICATES

- **Python** Certification, Infosys Springboard
- **Introduction to Cyber Security** Certification, CISCO
- **Cyber Security** Certification, CISCO
- **CCNAv7: Introduction to Networks** Certification, CISCO Net Academy
- **Cloud Computing** Certification, NPTEL

WORKSHOPS

- 5-day workshop on "Advanced Cyber Security - EDR", organized by APPSSDC, focusing on advanced techniques in endpoint detection and response (EDR), threat hunting, and security operations.
- 2-day workshop on "Ethical Hacking", organized by Besides Bangalore Cybersecurity Company, covering key aspects of penetration testing, vulnerability assessment, and ethical hacking methodologies.

ACHIEVEMENTS

- **NCC-C** and **NCC-B** Certifications, demonstrating leadership, discipline, and commitment to national service.
- **District Level Shuttler**, showcasing strong competitive skills and dedication in sports.

AREA OF INTRESTS

- Cybersecurity and Ethical Hacking
- Web Development Technologies
- Data Analytics and Visualization

PERSONAL DETAILS

- Address: Krishnapuram(V), Bukkapatnam(M), Sri Sathya Sai(Di) ,515159
- Date of Birth: 10/06/2004
- Nationality: India (Hindu)
- Languages known:Telugu, English

DECLARATION

I hearby declare that information given above is correct and true up to my knowledge.

Date:

Place:

(BOMMINENI THARUN KUMAR)