

# G SHIRISHA

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Aspiring Cybersecurity and Software Engineer with a strong foundation in Python, SQL, and HTML, coupled with a keen interest in cybersecurity and networking. Detail-oriented and eager to apply analytical and problem-solving skills in a dynamic environment. Passionate about learning new technologies and contributing to innovative solutions.

## EDUCATION

- **Ballari Institute of Technology and Management, Ballari — BE in Computer Science (2022 – Present)**  
CGPA: 9.58
- **Government Girls College, Kampli — PUC (2020 – 2022) | 94.16%**
- **SSD High School, Metri — SSLC (2019 – 2020) | 94.08%**

## SKILLS

Python | Data Structures & Algorithms | SQL | HTML | Networking | Cybersecurity | DBMS | Linux Basics

## EXPERIENCE

- **EZ Training and Consultancy — Technical Skills & Problem-Solving Intern (Feb – Mar 2025)**
  - Enhanced knowledge of data structures, algorithms, and coding techniques.
  - Solved practical coding challenges to improve problem-solving ability.
- **EZ Training and Consultancy — Python Programming Intern (Apr – May 2024)**
  - Gained hands-on experience in Python programming and logic building.
  - Developed efficient code solutions for real-world problem statements.

## PROJECTS

- **Steganography Tool (Python, Tkinter, PIL, Stegano):** Built an interactive GUI-based tool to hide and extract secret messages in images using the Least Significant Bit (LSB) technique
- **Team Formation Tool (Python):** Designed an automated tool that generates balanced teams by analyzing players' skills such as batting and bowling.
- **Rock-Paper-Scissors Game (Python):** Developed a Python-based game where players compete against the computer, using randomization and conditional logic to determine outcomes.
- **Password Generator (Python):** Created a customizable password generator that produces secure, random passwords based on user-defined criteria (length, numbers, symbols, uppercase/lowercase).

## CERTIFICATIONS

- Introduction to Cybersecurity from CISCO Networking Academy
- Networking Basics from CISCO Networking Academy
- SQL and Relational Databases 101 from IBM Developer Skills Network
- Data Structures and Algorithms from Infosys Springboard
- Python Basics from HackerRank
- Python Essential-1 from Cisco Networking Academy

## ACHIEVEMENTS

- Published a paper titled "[AI Double-Edged Sword in Cybersecurity: Threats and Defense Mechanisms](#)" in IJFMR.
- **NAIN 2.0 Ideathon Finalist:** Secured a Top 10 position among 30 teams for the Smart Classroom Automation project, earning government funding for implementation.
- **HackerRank Achievement:** Awarded a 5-Star SQL Badge for demonstrating advanced proficiency in SQL queries, database management, joins, aggregations, and data manipulation.