

# JAYASHRE K

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## OBJECTIVE

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As an ambitious Computer Science and Engineering student specializing in Cyber Security, my primary goal is to build a successful career in this dynamic realm. With intermediate-level programming skills and a deep understanding of cybersecurity concepts, I aim to make significant contributions to the industry and stay at the forefront of this ever-evolving field.

## EDUCATION

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**Bachelor of Technology**, Shiv Nadar University, Chennai Expected 2026  
Computer Science and Engineering with specialization in Cyber Security

**Student**, Shri Srimathi Sundaravalli Memorial School, Chennai 2014-2022  
Science Stream, CBSE

## EXPERIENCE

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**Content Writing Intern** July 2023 - Ongoing  
CoConnexion *Indore. Madhya Pradesh, India*

**Cyber Security Intern** July 2023 - Ongoing  
Cloud Counselage Pvt. Ltd. *Mumbai, Maharashtra, India*

**Online Tutoring Coordinator** May 2021 - Ongoing  
Raj Online Tutoring *Chennai, Tamil Nadu, India*

- Facilitate virtual learning and handle technical issues, including substitute teaching.
- Communicate proactively with parents, tracking payments, and maintaining attendance records.

**Summer Intern** June 2023 - August 2023  
World Affairs Council of Harrisburg *Harrisburg, Pennsylvania, United States*

- Assisted in updating and maintaining the WACH website, while enhancing the WACH newsletter with a monthly intern column for increased appeal and engagement.
- Delivered a presentation on mental health in China and India, along with writing an op-ed on the topic.
- Prepared comprehensive questionnaires for speakers at the "2023 International Young Leaders Conference."

**Python Programming Intern** May 2023 - June 2023  
InternPe *Jaipur, Rajasthan, India*

- Proficient in advanced Python concepts including OOP, inheritance, creating reusable code, and skilled in data manipulation using iterators and precise variable control.
- Completed [three diverse projects](#) applying Python knowledge to real-world scenarios, gaining hands-on experience and problem-solving skills.

## PROJECTS

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**Building CipherGuard: A Secure Encryption/Decryption Tool in Scala**  
A user-friendly Scala encryption/decryption tool with basic cryptographic algorithms like Caesar Cipher and more.

**Building AirPic: Gesture-Powered Camera App in Android**  
A gesture-powered camera app developed by a team of five members in the Women Engineers Program by Talentsprint, supported by Google, for an unparalleled Android photo-clicking experience.

## Building Screenshot Program using Smile and Hand Detection in Python

I interned at InternPe, creating a smile detection system using Haar Cascade for screenshot capture based on smiles, with Mediapipe integration for hand gesture termination.

## Building Barcode Attendance System in Python

Created efficient Python attendance system with tkinter GUI, optimized barcode recognition using pyzbar and SVM Classifier, leveraging OpenCV for image processing, and Excel for data management.

## Building an Emotion-based Music Player in C

Developed an efficient emotion-based music player in C, offering personalized music experience with language and emotion selection from a curated database.

## AWARDS & ACHIEVEMENTS

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**Honored to be selected as one of the Women Engineer Scholars of 2023, part of the top 1% chosen among 27,000 applicants.**

March 2023 - Ongoing

Program by TalentSprint and Supported by Google

**Ranked 62<sup>nd</sup> individually nationwide in ICPC Algo Queen - The Girls' Programming Cup 2023**

June 2023

Organized by Amrita Vishwa Vidhyapeetham, Endorsed by ICPC Foundation  
Sponsored by IBM Quantum

**Recognized as one of the top 10% participants in the Red Hat IT Aptitude Test - India 2023 with a percentile rank of 89**

Feb 2023

Red Hat

**Awarded first place in the event "QUIZVID" at the first national level techfest - AIRO 2k21**

October 2021

Sri Sairam Engineering College

**Placed third in the "Query and Report Creation in MS Access" competition in 8<sup>th</sup> grade and second in 9<sup>th</sup> grade**

2018 & 2019

Shri Srimathi Sundaravalli Memorial School

## VIRTUAL EXPERIENCE & MENTORSHIP

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- Cyber Security Virtual Experience Program Participant by JPMorgan Chase & Co
- Introduction to Cloud Virtual Experience Program Participant by Datacom
- Cyber Security Virtual Experience Program Participant by Telstra
- Cyber Security Global Virtual Internship Participant by Clifford Chance
- Shields Up: Cybersecurity Virtual Experience Program Participant By AIG
- Coding: Development & Advanced Engineering Virtual Experience Program Participant by Accenture, North America
- Selected as a mentee in the Microsoft Azure-Reskill #include<her>Cohort 3.0 mentoring program.
- Cyber Security Experience Program Participant by JPMorgan Chase & Co.
- Selected as a mentee in the SheCodes Basics Mentoring Program.
- Artificial Intelligence Virtual Experience Program Participant by Cognizant.
- Cyber Security Virtual Experience Program Participant by Datacom.
- Project Management Virtual Experience Program Participant by Accenture.

- Selected as a mentee in the Microsoft Azure-Reskilll #include<her>Cohort 2.0 mentoring program.
- Cyber Security Virtual Case Experience Program Participant by PwC
- Agile Virtual Experience Program Participant by JPMorgan Chase & Co.
- Cyber Security Virtual Experience Program Participant by Mastercard.
- Cyber Security Management Virtual Experience Program Participant by ANZ.

**ABILITIES**

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<b>Technical Skills</b>	C, Python, SQL, Java, Scala, HTML, CSS, JavaScript, LaTeX, Sphinx, Microsoft Suite, Git Command Line Interface, Networking, Microsoft Azure, Google Cloud
<b>Soft Skills</b>	Time Management, Project Management, Effective Verbal & Written Communication Adaptability, Problem Solving, Interpersonal Skills
<b>Languages</b>	Tamil, English, Hindi (Elementary Level), German (Elementary Level)
<b>Other Interests</b>	Photo/Video Editing, Videography/Photography, Chess and Carrom Team Sports (Volleyball, Kho-Kho, Badminton), Dancing