





Jayashre K

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EDUCATION

Shiv Nadar University, Chennai

August 2026

B.Tech in Computer Science and Engineering, specializing in Cybersecurity

Sri Shrimathi Sundaravalli Memorial School, Chennai

June 2022

Biology - Math

SKILLS

Languages & Tools: C/C++, Python, Java, JavaScript, HTML/CSS, L^AT_EX, SQL, Solidity, Scala, Kotlin, Shell & Bash Scripting, Git/GitHub, CLI, Sphinx, ReactJS, Flask, NextJS, ViteJS, Microsoft Suite, Wireshark, Burpsuite

Interpersonal Skills: Leadership, Time Management, Effective Verbal & Written Communication, Adaptability, Problem Solving

PROJECTS

SecureChat

Ongoing

- Developing a chat app with ongoing implementation of homomorphic encryption for secure real-time communication, ensuring robust data privacy.

CipherGuard | *Java, JavaFX, Cryptography*

Ongoing

- Presently developing a user-friendly Java encryption/decryption tool, showcasing proficiency in fundamental cryptographic algorithms like Caesar Cipher and one time pad, as well as advanced techniques including AES, 3DES, and more.

HireMeHorizon | *Python, ReactJS, HTML, CSS, Javascript, Flask, Machine Learning*

Dec. 2023

- Key contributor to developing a predictive website leveraging machine learning, enhancing campus placement for undergraduates in engineering and commerce, including salary prediction.

AirPic | *Kotlin, CameraX, Material UI, Tensorflow-Keras, Figma, Android Studio*

Nov. 2023

- Played a key role in developing Airpic, a cutting-edge gesture-controlled app that revolutionizes photo capture with its intuitive interface and sets a new standard in camera interaction

PenGUIn | *PyGTK, Shell Script, System Security*

Oct. 2023

- Team-developed user-friendly Linux app for SIH 2023 Hackathon, enabling essential and advanced OS hardening on Ubuntu with streamlined one-click features.

Deepfake Detection with InceptionResNetV2 & BiLSTM | *OpenCV, CNN, RNN, Google Colab*

Sept. 2023

- Developed a 90%+accurate deepfake detection model from 400 Kaggle videos, enhancing digital forensics, and created a user-friendly detection website.

EXPERIENCE

Technical Content Writer Intern | *CoConnexion*

July 2023 - Sept 2023

Writer of tech blogs and articles on emerging technologies for LinkedIn and Medium.

Summer Intern - Website Committee | *World Affairs Council of Harrisburg*

June 2023 - August 2023

Contributed to website updates, newsletter enhancements for WACH, presented on mental health, authored op-ed, and developed questionnaires for the 2023 International Young Leaders Conference.”

ACHIEVEMENTS

July 2023 - Selected as a SheCodesFoundation scholar, honing web skills and actively engaging in a vibrant coding community.

March 2023 - Selected as a 2023 Women Engineer Scholar, ranking in the top 1% among 27,000 applicants for the TalentSprint-Google supported program.