

# Jeevitha R

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## EDUCATION

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### Sathyabama Institute of Science and Technology

Chennai, India

*B.E. in Computer Science Engineering; CGPA:8.25*

*2021 – 2025*

### Green Park International Senior Secondary School

Namakkal, India

*CBSE XII; Percentage: 83.6%*

*2019 – 2020*

### Jayapriya Vidyalaya Senior Secondary School

Vriddhachalam, India

*CBSE X; Percentage: 88%*

*2017 – 2018*

## PROJECTS

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### Sleep Disorder Detection | *Python, TensorFlow*

- Created a system to automatically detect obstructive sleep apnea with high accuracy (95)
- Utilized a comprehensive polysomnography dataset, which included detailed information on brain activity, eye movement, oxygen levels, and heartbeat rate.
- Utilized Artificial Neural Networks (ANN), Support Vector Machines (SVM), and Random Forest

### SIST News Bot | *Python, BeautifulSoup, AWS Lambda, S3*

- Developed a Lambda function to scrape news from a website, store the data in S3, and compare it with previous updates to detect new articles.
- Set up a continuous process to check for and retrieve the latest news updates, ensuring users always receive the most current information when requested.
- Implemented a notification system using AWS S3 and EventBridge to manage chat IDs and send alerts when new news articles are available.

### Selenium Automation | *Java, Selenium, Eclipse IDE*

- Implemented a project using Selenium with Java to automate the user interface of the Sathyabama Learning Management System (LMS) website.
- Developed scripts to perform automated tasks such as login, navigation and data extraction, enhancing efficiency and reducing manual effort.
- Utilized Selenium's features to interact with web elements and simulate user actions, ensuring seamless execution of test scenarios

## TECHNICAL SKILLS

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**Languages:** Python

**Databases:** MySQL

## CERTIFICATIONS/WORKSHOPS

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Oracle Cloud Infrastructure 2023 Foundations Associate (1Z0-1085-23) - **Oracle**

AWSome Day Online Conference - **AWS**

Python for Data Science - **CognitiveClass.AI**