# SAHANA S

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## OBJECTIVE

Aspiring Java Developer with a Bachelor's degree in Computer Science and Engineering. I have a strong foundationin Java and a passion for developing scalable, high-performance applications with a quick learning ability and a problem-solving mindset .

## EDUCATION

**Arunachala College Of Engineering For Women**                                       **" 2021 - 2025"**
- Bachelor of Engineering (B.E), ComputerScience&Engineering with  CGPA : 84.7

**St. Josephs Matric Higher Secondary School**                                             **"2021"**
- Senior Secondary (XII), Tamil Nadu StateBoard,Percentage : 87.25

**St. Joseph's Matric Higher Secondary School**                                           **"2019"**
- Secondary (X), Tamil Nadu State Board,Percentage : 83.40

## EXPERIENCE

**Srishti Innovative Computer Systems**

*Python Application Development*
- Hands-on experience creating responsive web interfaces with HTML, CSS, and JavaScript.
- Troubleshooting and resolving issues and bugs in Python code
- Utilized tools like Python debugger,PyCharm for indentify and fixing errors in code

**Clovion Tech Solutions Pvt.Ltd**

*Python Web Development*

- Built web applications using Python and Django with hands-on development experience.
- Implemented the API, backend, and frontend for a single-page application.
- Built Ul templates with Django views and improved user-friendly interfaces.
- Diagnosed and fixed performance issues in real-time applications.and documented the process to making the database query system more robust.

## ACHIEVEMENTS

- Awarded Silver Badge in Java – HackerRank for coding challenge
- Awarded a Silver Badge in Python -HackerRank for coding challenge
- Certificate of Excellence in Java Programming – Programming Hero
- Awarded Second prize in Role play event at National Level Technical SymposiumTECHNOVA 2K23
- Paper Presentation on "Wireless Sensor Network" – Awarded Third Prize by the Department of CSE, ACEW
- Scored 100% in Java Course – Certificate of Excellence from Programming Hub

# PROJECTS

**SkillAssessment website**
- Built a dynamic Skill Assessment Web App that lets users study and take quizzes by selecting skill levels (Easy/Medium/Hard).
- Smart keyword matching for auto-evaluation and Data stored using MySQL with Spring Boot integration.
- Frameworks involved Java, Spring Boot, Maven, HTML, CSS, Boostrap.

**Trivitalis nexus-A sophisticated AI system unifying Human,Vertinary and Botanical healthcare**
- 'Trivitalis Nexus' is a full stack AI integrated web app designed to predict diseases in humans, animals, and plants by just providing the symptoms as input.
- This application enables farmers and animal experts to predict disease in crops and cattles and provides early warnings.
- Frameworks involved HTML, CSS, Boostrap Python Django

**Online tourism website**
- We have developed a travel booking web app that allows users to book all types of trips and also enables users to customize travel plans accordingly to their budgets.
- Provides a user friendly interface for easy navigation and offers a comprehensive travel planning experience
- Frameworks involved HTML, CSS, Boostrap python.

# CERTIFICATION
- CertifiedinFundamentals of Java Programming from Coursera
- Participated in Paper Presentation titled "6G Wireless Technology" at National Level Technical Symposium "CICADA 2023".
- Successfully Completed a Corporate Training Test at CodeBind Technologies, Coimbatore.
- Participated in Paper Presentation titled " Smart Mirror "at National Level Technical Symposium "Technovate 2024" held at ACEW.

# SKILLS
**Programming Languages :** Java **,**Spring ,Spring Boot ,HTML ,CSS , Bootstrap ,Python(basic), MySQL(basic)
**IDEs and Editors :** VSCode, Eclipse , Jupyter Notebook **Database :** MySQL

# PUBLICATION
Published aResearch paper titled " Wireless Technology " in the National Level Conference on "Multidisciplinary Research and Innovation" held at ACEW

# EXTRA CURRICULAR ACTIVITIES
- Won 2nd prize in Pottery Drawing in state-level competition
- Won 1st prize in Pottery Drawing in District-level competition