

# VASANTHADEVI . P

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<https://github.com/vasantha0610-crisp/Vasunthra>

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## Objective:

Aspiring software developer eager to contribute technical expertise and innovative solutions in a reputed organization. Passionate about collaborating with tech teams, writing efficient code, and building impactful software solutions while enhancing my skills in modern programming technologies.

## Educational Qualification:

2023	B.E., Computer Science, AAA College of Engg. & Tech., Amathur, Sivakasi <b>CGPA – 9.10</b>
2019	HSC, S.H.N.V. Matriculation Higher Secondary School, Sivakasi. <b>Percentage – 78.6%</b>
2017	SSLC, S.H.N.V. Matriculation Higher Secondary School, Sivakasi. <b>Percentage – 94.8%</b>

## Academic Projects:

### Project Title: “Smart Attendance System”

- ✓ Designed and implemented an Android app to automate attendance using Bluetooth connectivity for real-time student presence tracking.
- ✓ Enhanced efficiency by replacing traditional manual attendance methods with automated server reports.

### Project Title: “Efficient Water Quality Analysis and Prediction using ML (IBM Project)”

- ✓ Developed a full-stack web application for analysing and predicting water quality using machine learning techniques.
- ✓ Built from scratch, integrating both front-end and back-end components independently

### Project Title: “Counterfeit Currency Detection”

- ✓ Designed and coded a solution for detecting counterfeit currency through scanning processes.
- ✓ Integrated features for generating detailed currency authenticity reports

**Project Title: “GALE Forecasting”**

- ✓ Design a model using XGBoost for detecting storms and predicting their occurrence.
- ✓ Test the given data with the model to predict gale conditions.

**Internships:****Web Development Intern**

- Duration: 8 Days
- Learned and applied **React.js** to build functional websites.
- Gained hands-on experience in coding, debugging, and implementing innovative web solutions.

**Scholastic Activities:****Technical Skills:**

- ✓ **Programming Languages:** Java, Python, C, SQL
- ✓ **Web Development:** React.js(Basic), HTML, CSS
- ✓ **Databases:** SQL
- ✓ **Other Skills:** Problem Solving, Code Debugging, Machine Learning, Data Science

**Certifications & Scholastic Activities:**

- ✓ **Programming in Java** – NPTEL (8 Weeks, Silver Medal, 82%)
- ✓ **Python for Data Science** – NPTEL (4 Weeks)
- ✓ **Data Science for Engineers** – NPTEL (8 Weeks)
- ✓ **HackerRank SQL Certification** – Scored 100%
- ✓ **HackerRank Java Certification** – Scored 100%
- ✓ 1st Prize in "**Coding & Bugging**" at AAA College of Engineering & Technology

**Key Strengths:**

- ✓ Strong analytical and problem-solving skills
- ✓ Quick learner with a passion for exploring emerging technologies
- ✓ Team player with excellent verbal and written communication skills
- ✓ Attention to detail and logical thinking

## Interests & Hobbies:

- ✓ Competitive coding on platforms like HackerRank and LeetCode
- ✓ Exploring open-source projects on GitHub
- ✓ Playing chess to enhance strategic thinking

## Publications:

- ✓ Presented the project "*Counterfeit Currency Detection*" at the **International Conference on Computer, Communication, and Manufacturing**, AAA College of Engineering & Technology, Sivakasi
- ✓ Presented the project "**Influence of Operating System**" at IIC chapter, AAA College of Engineering & Technology, Sivakasi

## Personal Details:

Gender : Female

Nationality : Indian

DOB : 06 Oct 2001

Language : Tamil (Read, Write, Speak)  
English (Read, Write, Speak)

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