

# SELVA RANI S

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## Objective

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- Motivated and detail-oriented developer with strong knowledge of HTML, CSS, JavaScript, Python, Flask, and SQL. Skilled in building responsive and interactive web applications, API integration, and database connectivity. Eager to contribute to a collaborative team environment and enhance technical skills in software development and web technologies.

## Skills

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### Frontend Technologies

- HTML5, CSS3, JavaScript, React.js

### Backend Technologies

- Python, RESTful APIs, FAST API

### Database Management

- MySQL, SQLite

### Version Control & Tools

- Git, GitHub, vscode

### Soft SKills

Strong communication, Team collaboration, quick learner, Adaptability

## Projects

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### E-Commerce Platform with 3d Product Visualization

- Created an interactive product listing page with cart, search bar, and payment functionalities.
- Implemented DOM manipulation and event handling for dynamic UI interactions.
- Ensured a clean UI/UX design compatible across all browsers and devices.

### Student Performance Prediction using Machine Learning

- Created a web dashboard to visualize and analyze student performance data.
- Integrated Flask backend for data handling and Chart.js for visualization.

### Responsive Portfolio Website

- Designed a personal portfolio website using HTML, CSS, and JavaScript.
- Implemented mobile-first responsive layouts using Flexbox and Grid.
- Enhanced user experience with smooth navigation and interactive elements.

## Internship

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### Infosys springboard

2024/12 – 2025/02

Python Full Stack Developer

- Built a modular e-commerce app using Flask, MySQL, and REST APIs with cart, login, and responsive UI.
- Integrated frontend/backend in an Agile team, ensured cross-browser support, and maintained version control using GitHub.

## Certificates

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- Research methodology - NPTEL
- Fundamentals of Artificial Intelligence -NPTEL
- Frontend Developer(React) - HACKERRANK

## Education

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### MASTER OF COMPUTER APPLICATIONS

2023 – 2025 | Coimbatore

Hindusthan College of Engineering and Technology

### BACHELOR OF COMPUTER APPLICATIONS

2020 – 2023 | Tiruchirappalli

Bishop Heber College