

# S.Nachammai Devi Pooja

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## SUMMARY

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Self-motivated Computer student seeking an internship position in a good organization. Aiming to grow and excel in Data Science and Web Development sector.

## EDUCATION

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<b>B.E</b> , Computer Science	<i>Jun 2018 - May 2022</i>
SSN College of Engineering, Chennai	GPA: 8.9
<b>12th Standard</b> , ComputerScience	<i>Jun 2017 - Mar 2018</i>
D.A.V Matriculation Higher Secondary School,Chennai	Percentage: 97.5

## PROJECTS

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### Advanced Driver Assistance System (ADAS) for collision avoidance

- Co-designed a robust prototype to detect driver fatigue using image processing, cloud services and other software tools.
- Implemented the prototype design using Raspberry Pi 3 board, openCV, Android studio and IoT (Internet of Things).
- Incorporated alcohol detection and vehicular crash detection mechanism using electronic sensor networks.
- Developed an user-friendly android application to monitor the physiological status of the driver

### The Best Classifier - Machine Learning

- In this project we load a dataset using Pandas library.
- Apply the necessary algorithms, and find the best one for this specific dataset by accuracy evaluation methods.

### Cruise management Sysytem (Ticket Booking)

- Developed a cruise ticketing administrative system using data structures such as Linked list and Queue.
- Incorporated search algorithms like Dijkstras algorithm and Breadth first search to implement shortest path traversal

### Portfolio Webpage Design

- Designed a personal developer blog webpage using HTML, CSS and Javascript.
- Employed software tools like particles.JS for enhanced data visualization.
- Incorporated AOS libraries for transformation using Javascript

## SKILLS

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**Software Development::** C, Python

**Web Development::** HTML, CSS, Javascript

**Database management: :** SQL, Python

**AI and Machine learning: :** Prolog, Python

**Documentation::** MS Word, MS Excel, MS Powerpoint

## ACHIEVEMENTS

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- Secured **SCHOOL FIRST** in 12th standard with centum in Maths.
- Completed **B.A Hindi** in Distinction from Dakshina Bharat Hindi Prachar Sabha.
- Volunteered in **YRC** activities like beach cleaning,village education,plastic awareness

## CERTIFICATES

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- **IBM** Data science specialization in Coursera
- Web development offered by **University of Michigan** in Coursera
- Software testing certification by **NPTEL**
- Programming in C offered by **udemy**
- Introduction to Machine Learning offered by **GUVI**