# POOVARASAN G

poovarasangandhi@gmail.com
Mob no: +91-8825834973

## CAREER SUMMARY

- Strong knowledge in **Web Development** using **HTML, CSS, JavaScript, React.js, and Python**.

- Proficient in **frontend technologies** with practical experience building responsive and interactive web applications.

- Hands-on exposure to **Data Analytics** using tools like **Power BI** and **SQL** for generating actionable insights.

- Completed projects involving **AI-based traffic signal automation**, **E-commerce shopping cart**, and **Android app development**.

- Quick learner with good problem-solving skills, passionate about applying technology to real-world solutions.

## TECHNICAL PROFICIENCY

| | | |
|---|---|---|
| Languages | - | **python, java, java script, HTML, CSS, SQL** |
| Technologies | - | **react.js, Django** |
| Tools & Platforms | - | Power BI, MS Excel, Oracle, MS Office, GIT |
| Operating systems | - | Windows, IOS |
| Areas of Interest | - | Web Development, Data Analytics, AI Tools |

## EDUCATIONAL QUALIFICATIONS

- **Bachelor of Engineering (B.E.) in Computer Science and Engineering**
  Paavai College of Engineering, Namakkal
  Pursuing (Oct 2021 – June 2025) | CGPA: **7.74**

- **Higher Secondary Certificate (HSC)**
  Sishya Matric Higher Secondary School
  Completed in **2021** with **77.7%**

- **Secondary School Leaving Certificate (SSLC)**
  Sishya Matric Higher Secondary School
  Completed in **2019** with **70.4%**

## TECHNICAL TRAINING

- Successfully completed **Python Full Stack Development with Data Analytics** training at **PySpiders**, Basavanagudi.

- Gained hands-on experience in **frontend development** using **HTML, CSS, JavaScript** and **backend development** with **Python** and **Flask**.

- Learned to work with **databases** using **SQL** and developed **RESTful APIs** for web applications.

- Acquired skills in **Data Analytics**, including **data preprocessing, visualization, and basic machine learning** using **Python libraries** such as **Pandas, NumPy, Matplotlib, and Seaborn**.

- Built and deployed **end-to-end web applications** integrating both frontend and backend technologies.

## ACADEMIC PROJECTS :

**Major Project (Final Year):**

- **Intelligent Ambulance Detection & Traffic Light Optimization**
  Developed a real-time system using **YOLO, CNN, OpenCV, TensorFlow, and Flask** to detect ambulances and dynamically optimize traffic signals. Designed an interactive **web dashboard** for monitoring and automated signal control.

**Mini Projects:**

- **Shopping Cart Web Application using React.js**
  Created a fully responsive shopping cart using **React.js**, **Material UI**, and **React Router** with cart management, real-time price calculation, and **localStorage** persistence.
- **Bus Reservation System** *(Naan Mudhalvan Project)*
  Developed a simple **bus ticket booking system** as part of the **Naan Mudhalvan** initiative, applying front-end development skills.

## PERSONAL SKILLS

- Adaptable
- Self-motivated and hard worker
- Good Presentation Skills
- Good Leadership Quality

## HOBBIES

- Gardening
- Internet surfing
- Playing Chess
- Watching animations

## PERSONAL PROFILE

Father's Name            : Gandhi.R
Mother's Name            : Santhi.V
Date of Birth            : 20th Jan 2004
Marital Status           : Single
Nationality              : Indian
Languages Known          : English and Tamil
Permanent Address        : 380, Pillaiyar Kovil Street, Devanampattu Village,
                           Thiruvannamalai-606802.

## DECLARATION

I hereby declare that the above-mentioned information is correct, up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Thiruvannamalai

Date :                                                    POOVARASAN.G