

VARSHINI G

Contact | gvarshiniganapathy@gmail.com | 7708297955 | Salem, TamilNadu |

CAREER OBJECTIVE

I am a dedicated Electronics and Communication Engineer with experience in Java, SQL, and web development through internships and projects. Strong foundation in OOP, database management, and full-stack development, with a passion for product innovation. Seeking an opportunity to apply my skills and creativity in a dynamic and innovative environment.

TECHNICAL SKILLS

- Programming Languages: C, JAVA
- Web Development : HTML, CSS
- Database Management: SQL, MYSQL
- Development Tools: Eclipse, Apache Tomcat

INTERNSHIPS

- AMPHISOFT TECHNOLOGIES Pvt Ltd - JAVA AND SQL** **Jul 2024**
- **JAVA & SQL:** Gained a strong foundation in **core Java, OOP, and JDBC connectivity**, with hands-on experience in database interaction and efficient data retrieval. Developed projects like a Personal Money Tracker and Bus Reservation System using Java & MySQL.
- SUVEN CONSULTANT AND TECHNOLOGY – FRONTEND DEVELOPMENT** **Mar 2023**
- Gained hands-on experience in front-end development, focusing on building responsive web pages, designing well-structured layouts, and applying consistent styling to elements.

PROJECTS

- Online Study Platform with Document Sharing and Interaction :** [LINK](#)
- Developed a web-based study platform with user registration, document search, viewing, commenting, and document request features. Created an admin interface to manage profiles, monitor documents uploaded, and review comments.
 - **TECHNOLOGIES USED:** HTML, CSS, PHP, SQL
- A Smart Blood Donation Website (on going):**
- Currently developing a Smart Blood Donation platform with donor and hospital registration, blood donation requests, and login functionality. Integrating Twilio API for SMS notifications and implementing a search feature to find blood donors by blood group and location.
 - **TECHNOLOGIES USED:** HTML, CSS, Java (JSP, Servlets), MySQL, Twilio API, Apache Tomcat.
- Smart Dustbin Using GSM Module :**
- Developed a smart dustbin using ultrasonic sensors, a GSM module, a servo motor, and an Arduino board to automate waste management. The first sensor detects objects to open the lid, while the second monitors the fill level and sends SMS notifications when the bin is full.
 - **TECHNOLOGIES USED:** Arduino, GSM module, ultrasonic sensors, servo motor.

EDUCATION

Knowledge Institute of Technology, Salem	Oct 2021 - May 2025
Bachelor of Engineering - Electronics and Communication Engineering	CGPA: 7.85
Bala Barathi Matriculation Higher Secondary School, Salem	Jun 2020 - May 2021
HSC	Percentage: 85.6
Bala Barathi Matriculation Higher Secondary School, Salem	Jun 2018 - May 2019
SSLC	Percentage: 82.6

CERTIFICATIONS

- **Awarded first prize** for creating the "Smart Dustbin Using GSM Module" (Mar 2023).
- Certified in Core Java at Amphisoft Technology (Jul 2024).
- Participated in a 1-day workshop on "Soft Skills for Effective Professional Progression" (Apr 2023).
- I attended a 3-day hands-on workshop on printed circuit board design at KIOT (Feb 2023).