PAVITRA VARSHINI M

+91 9884679657 | pavitravarshini22110219@snuchennai.edu.in

 pavitra-varshini | pavitravarsh

Chennai, Tamil Nadu , India

OBJECTIVE

Aspiring Full-Stack Developer with a solid foundation in front-end technologies, now expanding skills in back-end development. Passionate about building scalable web applications and eager to apply knowledge in database management, API development, and server-side logic. Seeking opportunities to contribute to dynamic projects and grow as a well-rounded developer.

EDUCATION

- **Shiv Nadar University, Chennai** *Expected Graduation: 2026*
  B.Tech in Computer Science Engineering (IoT) Chennai, India

- **SBOA School and Junior College** *Graduated: 2022*
  Higher Secondary Education Chennai, India

SKILLS

- **Languages** Java, Python, C , SQL, HTML, CSS, JavaScript

- **Databases** Oracle, MySQL

- **Front-End** React, Bootstrap

- **Cloud Technologies** AWS EC2, Firebase

- **Understanding** Microservices Architecture, REST APIs, Docker, Kubernetes

- **Version Control** Git

- **Tools** VS Code, Eclipse, Figma

PROJECTS

- **SNAIL: Full Stack Web Application** Technologies: React, MongoDB
  - Developed an e-commerce platform with features such as user authentication, product listings, and a responsive user interface.

- **Shape Detection System: Semester 4 Mini Project** Technologies: Java
  - Implemented shape recognition algorithms to accurately detect and classify geometric shapes using Java.

- **Object Tracking System: Semester 2 Mini Project** Technologies: Python, OpenCV
  - Built a real-time object tracking system leveraging Python's Computer Vision libraries for efficient performance in dynamic environments.

- **Water Level Tracking System: Semester 3 Mini Project** Technologies: Arduino, Ultrasonic Sensor
  - Monitored and displayed water levels on an LCD in real-time using IoT components, showcasing efficient water management solutions.

EXTRA-CURRICULAR ACTIVITIES

- **Smart India Hackathon (SIH) Participant** Advanced to the second round of SIH, collaborating with a team to develop solutions for real-world challenges, enhancing problem-solving and teamwork skills.

- **NSS Volunteer** Volunteered in the National Service Scheme (NSS) unit for beach cleaning and social events, developing teamwork and communication skills while contributing to sustainable development efforts.